

InfoGAN

April 25, 2019

1 InfoGAN

Notebook contains implementation for InfoGAN - <https://arxiv.org/abs/1606.03657>
Code adapted from: <https://github.com/eriklindernoren/Pytorch-GAN/>

1.1 Connect to google drive

```
In [0]: %%capture
        !pip install tqdm six

In [ ]: from google.colab import drive

        drive.mount("/content/drive")

In [0]: %cd /content/drive/My\ Drive/Masters-DS/CSCI-B659/project/examples/infoGAN
        %ls

/content/drive/My Drive/Masters-DS/CSCI-B659/project/examples/infoGAN
results/

In [0]: import os

        os.makedirs("infoGAN")

In [0]: %cd infoGAN

/content/drive/My Drive/Masters-DS/CSCI-B659/project/examples/infoGAN

In [0]: os.makedirs("./results/static", exist_ok=True)
        os.makedirs('./results/varying_c1/', exist_ok=True)
        os.makedirs('./results/varying_c2/', exist_ok=True)
```

1.2 Torch Imports

```
In [0]: from __future__ import print_function
import torch
import torch.utils.data
from torch import nn, optim
from torch.nn import functional as F
from torchvision import datasets, transforms
from torchvision.utils import save_image

import torch.nn as nn

import itertools
from torch.autograd import Variable
```

```
In [0]: torch.manual_seed(5)
```

```
print('Torch', torch.__version__, 'CUDA', torch.version.cuda)
print('Device:', torch.device('cuda:0'))
print(torch.cuda.is_available())

is_cuda = torch.cuda.is_available()
device = torch.device ( "cuda:0" if torch.cuda.is_available () else "cpu" )
```

Torch 1.0.1.post2 CUDA 10.0.130

Device: cuda:0

True

```
In [0]: class Params:
    n_epochs = 200
    batch_size = 128
    lr = 0.0002
    b1 = 0.5 #adam, decay of first order momentum of gradient
    b2 = 0.999 #decay of first order momentum of gradient
    n_cpu = 8
    latent_dim = 62
    code_dim = 2
    n_classes = 10
    img_size = 32
    channels = 1
    sample_interval = 400 # interval between image sampling
```

Params.n_epochs

Out[0]: 200

```

In [0]: ## function to initialize weights
def weights_init_normal(m):
    classname= m.__class__.__name__
    if classname.find("Conv")!=-1:
        torch.nn.init.normal_(m.weight.data,0.0,0.02)
    elif classname.find("BatchNorm")!=-1:
        torch.nn.init.normal_(m.weight.data,1.0,0.02)
        torch.nn.init.constant_(m.bias.data,0.0)

"""
One hot encoded vector for category
"""
def to_categorical(y, num_cols):
    """
    """
    y_cat = np.zeros((y.shape[0],num_cols))
    y_cat[range(y.shape[0]),y] =1.
    print(y_cat)
    return Variable(FloatTensor(y_cat))

In [0]: ## Models
class Generator(nn.Module):
    def __init__(self):
        super(Generator,self).__init__()
        input_dim = Params.latent_dim + Params.n_classes + Params.code_dim

        self.init_size = Params.img_size // 4 #initial size before upsampling
        self.l1 = nn.Sequential(nn.Linear(input_dim,
                                           128*self.init_size **2))

        self.conv_blocks = nn.Sequential(
            nn.BatchNorm2d(128),
            nn.Upsample(scale_factor=2),
            nn.Conv2d(128, 128, 3, stride=1,
                      padding=1),
            nn.BatchNorm2d(128, 0.8),
            nn.LeakyReLU(0.2, inplace=True),
            nn.Upsample(scale_factor=2),
            nn.Conv2d(128, 64, 3, stride=1,
                      padding=1),
            nn.BatchNorm2d(64, 0.8),
            nn.LeakyReLU(0.2, inplace=True),
            nn.Conv2d(64, Params.channels, 3,
                      stride=1, padding=1),
            nn.Tanh()
        )

```

```

def forward(self, noise, labels, code):
    gen_input = torch.cat((noise, labels, code), -1)
    ## include to contains noise and code
    out = self.l1(gen_input)

    out = out.view(out.shape[0], 128,
                    self.init_size, self.init_size)
    img = self.conv_blocks(out)
    return img

```

```

In [0]: class Discriminator(nn.Module):
    def __init__(self):
        super(Discriminator, self).__init__()

    def discriminator_block(in_filters, out_filters, bn=True):
        """Returns layers of each discriminator block"""
        block = [ nn.Conv2d(in_filters, out_filters, 3, 2, 1),
                   nn.LeakyReLU(0.2, inplace=True),
                   nn.Dropout2d(0.25)]

        if bn:
            block.append(nn.BatchNorm2d(out_filters, 0.8))
        return block

    self.conv_blocks = nn
    .Sequential(*discriminator_block(Params.channels, 16, bn=False),
                *discriminator_block(16, 32),
                *discriminator_block(32, 64),
                *discriminator_block(64, 128)
                )

    ## height and width of downsampled image
    ds_size = Params.img_size // 2**4
    self.adv_layer = nn.Sequential(nn.Linear(128*ds_size**2, 1))
    self.aux_layer = nn.Sequential(
        nn.Linear(128*ds_size**2, Params.n_classes),
        nn.Softmax()
    )

    self.latent_layer = nn.Sequential(
        nn.Linear(128*ds_size**2, Params.code_dim))

    def forward(self, img):
        out = self.conv_blocks(img)
        out = out.view(out.shape[0], -1)
        validity = self.adv_layer(out)
        label = self.aux_layer(out)

```

```

latent_code = self.latent_layer(out)

return validity, label, latent_code

```

In [0]: *## Loss Functions*

```

adversarial_loss = torch.nn.MSELoss()
categorical_loss = torch.nn.CrossEntropyLoss()
# cross entropy loss - discrete loss
continuous_loss = torch.nn.MSELoss()

## Loss weights
lambda_cat = 1
lambda_con = 0.1

## Initialize generator and discriminator network
generator = Generator()
discriminator = Discriminator()

generator = generator.cuda()
discriminator = discriminator.cuda()

print(generator)
print()
print(discriminator)

```

```

Generator(
  (11): Sequential(
    (0): Linear(in_features=74, out_features=8192, bias=True)
  )
  (conv_blocks): Sequential(
    (0): BatchNorm2d(128, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
    (1): Upsample(scale_factor=2, mode=nearest)
    (2): Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
    (3): BatchNorm2d(128, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
    (4): LeakyReLU(negative_slope=0.2, inplace)
    (5): Upsample(scale_factor=2, mode=nearest)
    (6): Conv2d(128, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
    (7): BatchNorm2d(64, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
  )
)

```

```

        (8): LeakyReLU(negative_slope=0.2, inplace)
        (9): Conv2d(64, 1, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
        (10): Tanh()
    )
)

Discriminator(
  (conv_blocks): Sequential(
    (0): Conv2d(1, 16, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
    (1): LeakyReLU(negative_slope=0.2, inplace)
    (2): Dropout2d(p=0.25)
    (3): Conv2d(16, 32, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
    (4): LeakyReLU(negative_slope=0.2, inplace)
    (5): Dropout2d(p=0.25)
    (6): BatchNorm2d(32, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
    (7): Conv2d(32, 64, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
    (8): LeakyReLU(negative_slope=0.2, inplace)
    (9): Dropout2d(p=0.25)
    (10): BatchNorm2d(64, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
    (11): Conv2d(64, 128, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
    (12): LeakyReLU(negative_slope=0.2, inplace)
    (13): Dropout2d(p=0.25)
    (14): BatchNorm2d(128, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
  )
  (adv_layer): Sequential(
    (0): Linear(in_features=512, out_features=1, bias=True)
  )
  (aux_layer): Sequential(
    (0): Linear(in_features=512, out_features=10, bias=True)
    (1): Softmax()
  )
  (latent_layer): Sequential(
    (0): Linear(in_features=512, out_features=2, bias=True)
  )
)

```

```

In [0]: ## Initialize weights
        # Initialize weights
        generator.apply(weights_init_normal)
        discriminator.apply(weights_init_normal)

```

```

Out[0]: Discriminator(
  (conv_blocks): Sequential(
    (0): Conv2d(1, 16, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
    (1): LeakyReLU(negative_slope=0.2, inplace)
    (2): Dropout2d(p=0.25)
    (3): Conv2d(16, 32, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))

```

```

(4): LeakyReLU(negative_slope=0.2, inplace)
(5): Dropout2d(p=0.25)
(6): BatchNorm2d(32, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
(7): Conv2d(32, 64, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
(8): LeakyReLU(negative_slope=0.2, inplace)
(9): Dropout2d(p=0.25)
(10): BatchNorm2d(64, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
(11): Conv2d(64, 128, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1))
(12): LeakyReLU(negative_slope=0.2, inplace)
(13): Dropout2d(p=0.25)
(14): BatchNorm2d(128, eps=0.8, momentum=0.1, affine=True, track_running_stats=True)
)
(adv_layer): Sequential(
  (0): Linear(in_features=512, out_features=1, bias=True)
)
(aux_layer): Sequential(
  (0): Linear(in_features=512, out_features=10, bias=True)
  (1): Softmax()
)
(latent_layer): Sequential(
  (0): Linear(in_features=512, out_features=2, bias=True)
)
)

```

In [0]: *## Data*

```

dataloader = torch.utils.data.DataLoader(
    datasets.MNIST('../vae/mnist/data', train=True,
                   download=True,
    transform=transforms.Compose([
        transforms.Resize(Params.img_size),
        transforms.ToTensor(),
        transforms.Normalize((0.5, ), (0.5,))
    ])),
    batch_size=Params.batch_size, shuffle=True)

```

In [0]: *## Define Optimizers*

```

# Optimizers
optimizer_G = torch.optim.Adam(generator.parameters(),
                                lr=Params.lr, betas=(Params.b1, Params.b2))
optimizer_D = torch.optim.Adam(discriminator.parameters(),
                                lr=Params.lr, betas=(Params.b1, Params.b2))
optimizer_info = torch.optim.Adam(itertools.chain(generator.parameters(),
                                                    discriminator.parameters()),
                                lr=Params.lr, betas=(Params.b1, Params.b2))

FloatTensor = torch.cuda.FloatTensor
LongTensor = torch.cuda.LongTensor

```

In [0]: *## Static generator inputs for sampling*

```

# Static generator inputs for sampling
import numpy as np

static_z = Variable(FloatTensor(
    np.zeros((Params.n_classes**2, Params.latent_dim))))
static_label = to_categorical(
    np.array([num for _ in range(Params.n_classes)
              for num in range(Params.n_classes)]),
    Params.n_classes)
static_code = Variable(FloatTensor(
    np.zeros((Params.n_classes**2, Params.code_dim))))

[[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]

```


9

```

[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]

```

```

In [0]: def sample_image(n_row, batches_done):
        """Saves a grid of generated digits ranging from 0 to n_classes"""
        # Static sample
        z = Variable(FloatTensor(np.random.normal(0, 1,
            (n_row**2, Params.latent_dim))))
        static_sample = generator(z, static_label, static_code)
        save_image(static_sample.data, './results/static/%d.png'
            % batches_done, nrow=n_row, normalize=True)

        # Get varied c1 and c2
        zeros = np.zeros((n_row**2, 1))
        c_varied = np.repeat(np.linspace(-1, 1, n_row)[: , np.newaxis], n_row, 0)
        c1 = Variable(FloatTensor(np.concatenate((c_varied, zeros), -1)))
        c2 = Variable(FloatTensor(np.concatenate((zeros, c_varied), -1)))
        sample1 = generator(static_z, static_label, c1)
        sample2 = generator(static_z, static_label, c2)
        save_image(sample1.data, './results/varying_c1/%d.png'
            % batches_done, nrow=n_row, normalize=True)
        save_image(sample2.data, './results/varying_c2/%d.png'
            % batches_done, nrow=n_row, normalize=True)

```

1.3 Training

```

In [0]: import numpy as np
        for epoch in range(Params.n_epochs):
            for i, (images, labels) in enumerate(dataloader):
                batch_size = images.size(0)

                ## real and fake ground truth
                real = Variable(FloatTensor(batch_size, 1)

```

```

        .fill_(1.0),requires_grad=False)
fake = Variable(FloatTensor(batch_size,1)
        .fill_(0.0),requires_grad=False)

## configure input
real_imgs = Variable(images.type(FloatTensor))
labels = Variable(labels.type(FloatTensor))

### Train Generator
optimizer_G.zero_grad()

## sample noise and labels as generator input
z = Variable(FloatTensor(np.random.normal(0,1,
        (batch_size,Params.latent_dim))))
label_input = to_categorical(np.random.randint(0,
        Params.n_classes, batch_size),Params.n_classes)

code_input = Variable(FloatTensor(np.random.uniform(-1,1,
        (batch_size,Params.code_dim))))

# Generate a batch of images - labels, code and z
gen_imgs = generator(z, label_input, code_input)

# discriminator
validity, _, _ = discriminator(gen_imgs)

g_loss = adversarial_loss(validity,real)

g_loss.backward()
optimizer_G.step()

##
# Train Discriminator

optimizer_D.zero_grad()

## Loss on real images
real_pred, _, _ = discriminator(real_imgs)
d_real_loss = adversarial_loss(real_pred, real)

## Loss on fake images
fake_pred, _, _ = discriminator(gen_imgs.detach())
d_fake_loss = adversarial_loss(fake_pred, fake)

## Total discriminator loss
d_loss = (d_real_loss + d_fake_loss)/2

```

```

d_loss.backward()
optimizer_D.step()

### MutualInformation Loss
####

optimizer_info.zero_grad()

## sample labels
sampled_labels = np.random.randint(0, Params.n_classes, batch_size)

# ground truth labels
gt_labels = Variable(LongTensor(sampled_labels),
                      requires_grad = False)

# Sample noise, labels and code as generator input
z = Variable(FloatTensor(np.random.normal(0, 1,
                                         (batch_size, Params.latent_dim))))
label_input = to_categorical(sampled_labels, Params.n_classes)
code_input = Variable(FloatTensor(
    np.random.normal(-1, 1, (batch_size, Params.code_dim))))

gen_imgs = generator(z, label_input, code_input)
_, pred_label, pred_code = discriminator(gen_imgs)

info_loss = lambda_cat *
categorical_loss(pred_label, gt_labels) + \
    lambda_con *
continuous_loss(pred_code, code_input)

info_loss.backward()

optimizer_info.step()

#-----
# Log Progress
#-----

print ("[Epoch %d/%d] [Batch %d/%d] [D loss: %f] [G loss: %f] [info loss: %f]"
      % (epoch, Params.n_epochs, i, len(dataloader),
         d_loss.item(), g_loss.item(), info_loss.item()))

batches_done = epoch * len(dataloader) + i

```

```

if batches_done % Params.sample_interval == 0:
    sample_image(n_row=10, batches_done=batches_done)

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

/usr/local/lib/python3.6/dist-packages/torch/nn/modules/upsampling.py:129: UserWarning: nn.Upsample is deprecated. Use nn.functional.interpolate instead.
warnings.warn("nn.{} is deprecated. Use nn.functional.interpolate instead.".format(self.name))
/usr/local/lib/python3.6/dist-packages/torch/nn/modules/container.py:92: UserWarning: Implicit dimension choice for nn.ModuleList (1) is deprecated, please use nn.ModuleList(torch.nn.Module)
input = module(input)

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 0/200] [Batch 0/469] [D loss: 0.489041] [G loss: 0.978439] [info loss: 2.491852]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...

```

```

[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 0/200] [Batch 1/469] [D loss: 0.486882] [G loss: 0.974429] [info loss: 2.516950]

```

```

[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 2/469] [D loss: 0.484745] [G loss: 0.970691] [info loss: 2.526995]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 3/469] [D loss: 0.482257] [G loss: 0.965663] [info loss: 2.489884]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 4/469] [D loss: 0.479656] [G loss: 0.961113] [info loss: 2.495009]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 5/469] [D loss: 0.476693] [G loss: 0.955410] [info loss: 2.496867]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 6/469] [D loss: 0.472541] [G loss: 0.948557] [info loss: 2.504313]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 7/469] [D loss: 0.468422] [G loss: 0.939606] [info loss: 2.504276]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 8/469] [D loss: 0.463208] [G loss: 0.930503] [info loss: 2.487673]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 9/469] [D loss: 0.456016] [G loss: 0.917983] [info loss: 2.467985]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 10/469] [D loss: 0.448336] [G loss: 0.902687] [info loss: 2.474051]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 11/469] [D loss: 0.438375] [G loss: 0.882931] [info loss: 2.492740]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 12/469] [D loss: 0.425698] [G loss: 0.851003] [info loss: 2.493195]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 13/469] [D loss: 0.411290] [G loss: 0.820901] [info loss: 2.481843]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 14/469] [D loss: 0.393922] [G loss: 0.779226] [info loss: 2.465634]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 15/469] [D loss: 0.373969] [G loss: 0.719314] [info loss: 2.478831]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 16/469] [D loss: 0.348139] [G loss: 0.651190] [info loss: 2.453613]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 17/469] [D loss: 0.331559] [G loss: 0.556973] [info loss: 2.438580]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

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```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 18/469] [D loss: 0.314968] [G loss: 0.451957] [info loss: 2.464332]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 19/469] [D loss: 0.300183] [G loss: 0.365707] [info loss: 2.441805]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 20/469] [D loss: 0.286907] [G loss: 0.310744] [info loss: 2.428037]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 21/469] [D loss: 0.305991] [G loss: 0.238644] [info loss: 2.422455]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 22/469] [D loss: 0.316224] [G loss: 0.206104] [info loss: 2.422874]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 23/469] [D loss: 0.291763] [G loss: 0.208799] [info loss: 2.417145]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 24/469] [D loss: 0.289051] [G loss: 0.210025] [info loss: 2.422287]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 25/469] [D loss: 0.286052] [G loss: 0.241388] [info loss: 2.428659]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 26/469] [D loss: 0.271143] [G loss: 0.249759] [info loss: 2.425537]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 27/469] [D loss: 0.274278] [G loss: 0.273786] [info loss: 2.412086]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 28/469] [D loss: 0.262468] [G loss: 0.260554] [info loss: 2.428789]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 29/469] [D loss: 0.242531] [G loss: 0.266379] [info loss: 2.401902]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 30/469] [D loss: 0.249267] [G loss: 0.277020] [info loss: 2.402308]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 31/469] [D loss: 0.234937] [G loss: 0.291257] [info loss: 2.405048]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 32/469] [D loss: 0.221206] [G loss: 0.333539] [info loss: 2.391754]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 33/469] [D loss: 0.211096] [G loss: 0.331574] [info loss: 2.391631]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 34/469] [D loss: 0.196059] [G loss: 0.358291] [info loss: 2.419727]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 35/469] [D loss: 0.205912] [G loss: 0.362481] [info loss: 2.386175]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 36/469] [D loss: 0.187087] [G loss: 0.359234] [info loss: 2.392817]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 37/469] [D loss: 0.188596] [G loss: 0.329129] [info loss: 2.385639]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 38/469] [D loss: 0.187019] [G loss: 0.332238] [info loss: 2.385137]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 39/469] [D loss: 0.178125] [G loss: 0.307840] [info loss: 2.380330]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 40/469] [D loss: 0.175793] [G loss: 0.331169] [info loss: 2.393310]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 41/469] [D loss: 0.176349] [G loss: 0.306287] [info loss: 2.380149]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 42/469] [D loss: 0.176305] [G loss: 0.331433] [info loss: 2.371278]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

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```

[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 43/469] [D loss: 0.155930] [G loss: 0.332058] [info loss: 2.365259]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 44/469] [D loss: 0.151716] [G loss: 0.363763] [info loss: 2.370417]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 45/469] [D loss: 0.148778] [G loss: 0.353952] [info loss: 2.368995]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 46/469] [D loss: 0.176359] [G loss: 0.292523] [info loss: 2.368497]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 47/469] [D loss: 0.174113] [G loss: 0.276134] [info loss: 2.370021]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 48/469] [D loss: 0.153460] [G loss: 0.329660] [info loss: 2.366876]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 49/469] [D loss: 0.166326] [G loss: 0.282782] [info loss: 2.367600]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 50/469] [D loss: 0.144228] [G loss: 0.313507] [info loss: 2.362749]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 51/469] [D loss: 0.169415] [G loss: 0.329704] [info loss: 2.361579]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 52/469] [D loss: 0.152634] [G loss: 0.315795] [info loss: 2.368757]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 53/469] [D loss: 0.152527] [G loss: 0.327488] [info loss: 2.369667]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 54/469] [D loss: 0.148386] [G loss: 0.350833] [info loss: 2.359649]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 55/469] [D loss: 0.133605] [G loss: 0.401510] [info loss: 2.372832]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 56/469] [D loss: 0.139726] [G loss: 0.417526] [info loss: 2.359935]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 57/469] [D loss: 0.144723] [G loss: 0.411074] [info loss: 2.358610]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 58/469] [D loss: 0.129497] [G loss: 0.392363] [info loss: 2.345160]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 59/469] [D loss: 0.136087] [G loss: 0.398433] [info loss: 2.348007]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 60/469] [D loss: 0.144523] [G loss: 0.405977] [info loss: 2.361425]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 61/469] [D loss: 0.150529] [G loss: 0.432396] [info loss: 2.368285]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 62/469] [D loss: 0.162821] [G loss: 0.359409] [info loss: 2.352427]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 63/469] [D loss: 0.155577] [G loss: 0.337117] [info loss: 2.356732]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 64/469] [D loss: 0.163402] [G loss: 0.321978] [info loss: 2.338129]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 65/469] [D loss: 0.172622] [G loss: 0.343375] [info loss: 2.336865]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 66/469] [D loss: 0.172004] [G loss: 0.312405] [info loss: 2.346332]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 67/469] [D loss: 0.180757] [G loss: 0.260951] [info loss: 2.348478]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 68/469] [D loss: 0.191076] [G loss: 0.320790] [info loss: 2.349237]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 69/469] [D loss: 0.168992] [G loss: 0.312990] [info loss: 2.335355]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 70/469] [D loss: 0.179038] [G loss: 0.310807] [info loss: 2.338665]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 71/469] [D loss: 0.178333] [G loss: 0.346308] [info loss: 2.329808]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 72/469] [D loss: 0.202308] [G loss: 0.249756] [info loss: 2.331964]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 73/469] [D loss: 0.169625] [G loss: 0.322142] [info loss: 2.330940]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 74/469] [D loss: 0.204984] [G loss: 0.290892] [info loss: 2.335629]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 75/469] [D loss: 0.198491] [G loss: 0.335175] [info loss: 2.332141]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 76/469] [D loss: 0.192181] [G loss: 0.353483] [info loss: 2.318770]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 77/469] [D loss: 0.194303] [G loss: 0.334573] [info loss: 2.325292]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 78/469] [D loss: 0.212379] [G loss: 0.361485] [info loss: 2.325106]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 79/469] [D loss: 0.204745] [G loss: 0.303469] [info loss: 2.321232]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 80/469] [D loss: 0.218685] [G loss: 0.271419] [info loss: 2.328624]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 81/469] [D loss: 0.189939] [G loss: 0.310425] [info loss: 2.326801]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 82/469] [D loss: 0.214728] [G loss: 0.321981] [info loss: 2.305012]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 83/469] [D loss: 0.199465] [G loss: 0.331814] [info loss: 2.313471]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 84/469] [D loss: 0.199658] [G loss: 0.318475] [info loss: 2.308602]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 85/469] [D loss: 0.245311] [G loss: 0.289327] [info loss: 2.306700]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 86/469] [D loss: 0.222353] [G loss: 0.313963] [info loss: 2.303648]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 87/469] [D loss: 0.231447] [G loss: 0.295967] [info loss: 2.327014]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 88/469] [D loss: 0.256154] [G loss: 0.295948] [info loss: 2.317701]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 89/469] [D loss: 0.235816] [G loss: 0.309534] [info loss: 2.296528]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 90/469] [D loss: 0.238055] [G loss: 0.309318] [info loss: 2.304827]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 91/469] [D loss: 0.217833] [G loss: 0.304836] [info loss: 2.306946]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 92/469] [D loss: 0.234750] [G loss: 0.300563] [info loss: 2.287339]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 93/469] [D loss: 0.231724] [G loss: 0.269817] [info loss: 2.292164]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 94/469] [D loss: 0.217637] [G loss: 0.300278] [info loss: 2.295848]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 95/469] [D loss: 0.231991] [G loss: 0.300288] [info loss: 2.258449]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 96/469] [D loss: 0.234526] [G loss: 0.326561] [info loss: 2.292474]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 97/469] [D loss: 0.204774] [G loss: 0.333503] [info loss: 2.269339]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 98/469] [D loss: 0.199813] [G loss: 0.347752] [info loss: 2.258180]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 99/469] [D loss: 0.207350] [G loss: 0.339204] [info loss: 2.277456]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 100/469] [D loss: 0.216852] [G loss: 0.341301] [info loss: 2.254011]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 101/469] [D loss: 0.211900] [G loss: 0.378159] [info loss: 2.256589]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 102/469] [D loss: 0.220480] [G loss: 0.388604] [info loss: 2.258218]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 103/469] [D loss: 0.229908] [G loss: 0.354401] [info loss: 2.270674]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 104/469] [D loss: 0.252778] [G loss: 0.298918] [info loss: 2.204449]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 105/469] [D loss: 0.231442] [G loss: 0.295848] [info loss: 2.253621]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 106/469] [D loss: 0.224147] [G loss: 0.358958] [info loss: 2.267969]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[Epoch 0/200] [Batch 107/469] [D loss: 0.217192] [G loss: 0.345883] [info loss: 2.227916]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 108/469] [D loss: 0.219333] [G loss: 0.308986] [info loss: 2.261649]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 109/469] [D loss: 0.211756] [G loss: 0.382749] [info loss: 2.212779]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 110/469] [D loss: 0.229552] [G loss: 0.347999] [info loss: 2.221175]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 111/469] [D loss: 0.229226] [G loss: 0.300928] [info loss: 2.194333]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 112/469] [D loss: 0.223192] [G loss: 0.409025] [info loss: 2.221199]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 113/469] [D loss: 0.219792] [G loss: 0.387884] [info loss: 2.184416]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```



```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 114/469] [D loss: 0.217503] [G loss: 0.351030] [info loss: 2.178610]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 115/469] [D loss: 0.205471] [G loss: 0.439224] [info loss: 2.190422]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 116/469] [D loss: 0.229165] [G loss: 0.411069] [info loss: 2.194775]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 117/469] [D loss: 0.215463] [G loss: 0.453109] [info loss: 2.182401]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 118/469] [D loss: 0.232102] [G loss: 0.438537] [info loss: 2.159483]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 119/469] [D loss: 0.198885] [G loss: 0.366843] [info loss: 2.164498]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 120/469] [D loss: 0.192803] [G loss: 0.285025] [info loss: 2.083092]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 121/469] [D loss: 0.202233] [G loss: 0.371049] [info loss: 2.082938]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 122/469] [D loss: 0.188974] [G loss: 0.493841] [info loss: 2.037527]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 0/200] [Batch 123/469] [D loss: 0.181052] [G loss: 0.433821] [info loss: 2.039362]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 124/469] [D loss: 0.198787] [G loss: 0.336233] [info loss: 2.062951]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 125/469] [D loss: 0.178407] [G loss: 0.413206] [info loss: 2.098365]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 126/469] [D loss: 0.196848] [G loss: 0.506586] [info loss: 2.097347]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 127/469] [D loss: 0.205330] [G loss: 0.372995] [info loss: 2.071695]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 128/469] [D loss: 0.200394] [G loss: 0.473048] [info loss: 2.047252]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 129/469] [D loss: 0.193095] [G loss: 0.437886] [info loss: 1.998382]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 130/469] [D loss: 0.187175] [G loss: 0.414581] [info loss: 1.988036]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 131/469] [D loss: 0.219377] [G loss: 0.457838] [info loss: 1.977793]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 132/469] [D loss: 0.204228] [G loss: 0.411447] [info loss: 1.923756]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 133/469] [D loss: 0.194547] [G loss: 0.411235] [info loss: 1.964823]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 134/469] [D loss: 0.225881] [G loss: 0.418689] [info loss: 1.952012]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 135/469] [D loss: 0.193251] [G loss: 0.455573] [info loss: 2.017023]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 136/469] [D loss: 0.182557] [G loss: 0.516194] [info loss: 1.964999]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 137/469] [D loss: 0.198360] [G loss: 0.371598] [info loss: 1.953116]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 138/469] [D loss: 0.206149] [G loss: 0.400071] [info loss: 1.950417]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 139/469] [D loss: 0.230723] [G loss: 0.364250] [info loss: 1.934604]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 140/469] [D loss: 0.172068] [G loss: 0.542371] [info loss: 1.963779]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 141/469] [D loss: 0.205093] [G loss: 0.407097] [info loss: 1.885604]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 142/469] [D loss: 0.200066] [G loss: 0.418127] [info loss: 1.883537]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 143/469] [D loss: 0.215763] [G loss: 0.346309] [info loss: 1.862558]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 144/469] [D loss: 0.233734] [G loss: 0.441430] [info loss: 1.839396]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 145/469] [D loss: 0.217721] [G loss: 0.429692] [info loss: 1.845538]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 146/469] [D loss: 0.217445] [G loss: 0.429322] [info loss: 1.877729]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 147/469] [D loss: 0.223419] [G loss: 0.284696] [info loss: 1.859591]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 148/469] [D loss: 0.222944] [G loss: 0.369289] [info loss: 1.897551]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 149/469] [D loss: 0.250192] [G loss: 0.462011] [info loss: 1.861659]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 150/469] [D loss: 0.214162] [G loss: 0.387959] [info loss: 1.880166]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 151/469] [D loss: 0.238452] [G loss: 0.334392] [info loss: 1.825998]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 152/469] [D loss: 0.200328] [G loss: 0.348324] [info loss: 1.871385]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 153/469] [D loss: 0.263831] [G loss: 0.411660] [info loss: 1.792243]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 154/469] [D loss: 0.269825] [G loss: 0.295449] [info loss: 1.803240]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 155/469] [D loss: 0.244179] [G loss: 0.339400] [info loss: 1.802654]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 156/469] [D loss: 0.245980] [G loss: 0.430222] [info loss: 1.809535]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 157/469] [D loss: 0.211749] [G loss: 0.519710] [info loss: 1.838815]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 158/469] [D loss: 0.240909] [G loss: 0.385204] [info loss: 1.822958]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 159/469] [D loss: 0.217766] [G loss: 0.451599] [info loss: 1.800243]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 160/469] [D loss: 0.222451] [G loss: 0.389875] [info loss: 1.862785]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 161/469] [D loss: 0.229435] [G loss: 0.380444] [info loss: 1.853677]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 162/469] [D loss: 0.224560] [G loss: 0.344789] [info loss: 1.779116]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 163/469] [D loss: 0.220959] [G loss: 0.422130] [info loss: 1.773721]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 164/469] [D loss: 0.252596] [G loss: 0.323858] [info loss: 1.725745]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 165/469] [D loss: 0.200815] [G loss: 0.416783] [info loss: 1.741718]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 166/469] [D loss: 0.220055] [G loss: 0.441753] [info loss: 1.701417]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 167/469] [D loss: 0.234798] [G loss: 0.382722] [info loss: 1.733762]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 168/469] [D loss: 0.234877] [G loss: 0.397942] [info loss: 1.700731]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 169/469] [D loss: 0.242157] [G loss: 0.283633] [info loss: 1.682946]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 170/469] [D loss: 0.195884] [G loss: 0.405108] [info loss: 1.711272]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 171/469] [D loss: 0.245019] [G loss: 0.420920] [info loss: 1.668054]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 172/469] [D loss: 0.234669] [G loss: 0.478642] [info loss: 1.672459]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 173/469] [D loss: 0.247534] [G loss: 0.378634] [info loss: 1.696788]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 174/469] [D loss: 0.204396] [G loss: 0.356437] [info loss: 1.658758]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 175/469] [D loss: 0.216797] [G loss: 0.394444] [info loss: 1.700913]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 176/469] [D loss: 0.245874] [G loss: 0.414840] [info loss: 1.683281]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 177/469] [D loss: 0.231945] [G loss: 0.398693] [info loss: 1.686767]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 178/469] [D loss: 0.235289] [G loss: 0.383815] [info loss: 1.634368]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 179/469] [D loss: 0.246767] [G loss: 0.351013] [info loss: 1.634782]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 180/469] [D loss: 0.192084] [G loss: 0.342264] [info loss: 1.675295]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 181/469] [D loss: 0.218776] [G loss: 0.312473] [info loss: 1.642784]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 182/469] [D loss: 0.215075] [G loss: 0.472455] [info loss: 1.646569]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 183/469] [D loss: 0.210464] [G loss: 0.345869] [info loss: 1.668869]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 184/469] [D loss: 0.224830] [G loss: 0.322672] [info loss: 1.653154]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 185/469] [D loss: 0.219216] [G loss: 0.450416] [info loss: 1.648093]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 186/469] [D loss: 0.247821] [G loss: 0.356355] [info loss: 1.624786]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 187/469] [D loss: 0.223170] [G loss: 0.395648] [info loss: 1.612114]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 188/469] [D loss: 0.228541] [G loss: 0.416707] [info loss: 1.623897]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 189/469] [D loss: 0.230382] [G loss: 0.389017] [info loss: 1.651872]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 190/469] [D loss: 0.233303] [G loss: 0.381973] [info loss: 1.635621]
[[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 191/469] [D loss: 0.248388] [G loss: 0.430400] [info loss: 1.627380]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 192/469] [D loss: 0.242542] [G loss: 0.370514] [info loss: 1.613240]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 193/469] [D loss: 0.247052] [G loss: 0.354215] [info loss: 1.613113]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 194/469] [D loss: 0.232782] [G loss: 0.371578] [info loss: 1.604885]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 195/469] [D loss: 0.244969] [G loss: 0.385929] [info loss: 1.607196]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 196/469] [D loss: 0.222147] [G loss: 0.446544] [info loss: 1.651508]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 197/469] [D loss: 0.258931] [G loss: 0.351162] [info loss: 1.606837]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 198/469] [D loss: 0.247790] [G loss: 0.340962] [info loss: 1.612126]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 199/469] [D loss: 0.241897] [G loss: 0.348171] [info loss: 1.599156]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 200/469] [D loss: 0.257008] [G loss: 0.380770] [info loss: 1.598511]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 201/469] [D loss: 0.231148] [G loss: 0.413248] [info loss: 1.595195]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 202/469] [D loss: 0.253606] [G loss: 0.405024] [info loss: 1.603936]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 0/200] [Batch 203/469] [D loss: 0.250608] [G loss: 0.348013] [info loss: 1.593618]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 204/469] [D loss: 0.230523] [G loss: 0.391940] [info loss: 1.578480]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 205/469] [D loss: 0.234538] [G loss: 0.278346] [info loss: 1.590333]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 206/469] [D loss: 0.250136] [G loss: 0.362624] [info loss: 1.581725]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 207/469] [D loss: 0.257372] [G loss: 0.415039] [info loss: 1.591191]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 208/469] [D loss: 0.253607] [G loss: 0.351843] [info loss: 1.577294]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 209/469] [D loss: 0.249357] [G loss: 0.354948] [info loss: 1.597715]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 210/469] [D loss: 0.229349] [G loss: 0.365805] [info loss: 1.574431]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 211/469] [D loss: 0.234956] [G loss: 0.345391] [info loss: 1.565462]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 212/469] [D loss: 0.237500] [G loss: 0.388821] [info loss: 1.564488]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 213/469] [D loss: 0.236799] [G loss: 0.415520] [info loss: 1.572361]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 214/469] [D loss: 0.233783] [G loss: 0.311432] [info loss: 1.588940]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 215/469] [D loss: 0.230250] [G loss: 0.300744] [info loss: 1.582005]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 216/469] [D loss: 0.256025] [G loss: 0.396173] [info loss: 1.596706]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 217/469] [D loss: 0.218269] [G loss: 0.490480] [info loss: 1.595009]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 218/469] [D loss: 0.242820] [G loss: 0.364144] [info loss: 1.590006]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 219/469] [D loss: 0.231807] [G loss: 0.290668] [info loss: 1.569594]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 220/469] [D loss: 0.260324] [G loss: 0.333940] [info loss: 1.586123]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 221/469] [D loss: 0.247558] [G loss: 0.393642] [info loss: 1.559237]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 222/469] [D loss: 0.209663] [G loss: 0.419401] [info loss: 1.565910]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 223/469] [D loss: 0.231307] [G loss: 0.352631] [info loss: 1.564383]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 224/469] [D loss: 0.244511] [G loss: 0.351473] [info loss: 1.551063]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 225/469] [D loss: 0.257202] [G loss: 0.333105] [info loss: 1.598937]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 226/469] [D loss: 0.243450] [G loss: 0.392951] [info loss: 1.548213]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 227/469] [D loss: 0.224413] [G loss: 0.383867] [info loss: 1.558595]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 228/469] [D loss: 0.229002] [G loss: 0.351921] [info loss: 1.546685]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 229/469] [D loss: 0.261010] [G loss: 0.285634] [info loss: 1.547845]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 230/469] [D loss: 0.227892] [G loss: 0.397855] [info loss: 1.549208]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 231/469] [D loss: 0.220255] [G loss: 0.381159] [info loss: 1.580956]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 232/469] [D loss: 0.230241] [G loss: 0.384704] [info loss: 1.565992]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 233/469] [D loss: 0.229571] [G loss: 0.386267] [info loss: 1.567314]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 234/469] [D loss: 0.211320] [G loss: 0.380916] [info loss: 1.560398]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 235/469] [D loss: 0.218210] [G loss: 0.299187] [info loss: 1.550206]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 236/469] [D loss: 0.264096] [G loss: 0.311049] [info loss: 1.569630]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 237/469] [D loss: 0.228012] [G loss: 0.398268] [info loss: 1.541692]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 238/469] [D loss: 0.237532] [G loss: 0.385964] [info loss: 1.561512]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 239/469] [D loss: 0.248219] [G loss: 0.367503] [info loss: 1.556083]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 240/469] [D loss: 0.218280] [G loss: 0.308400] [info loss: 1.555900]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 241/469] [D loss: 0.233475] [G loss: 0.352677] [info loss: 1.558196]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 242/469] [D loss: 0.229271] [G loss: 0.352631] [info loss: 1.547638]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 243/469] [D loss: 0.220079] [G loss: 0.379672] [info loss: 1.539408]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 244/469] [D loss: 0.247453] [G loss: 0.398216] [info loss: 1.541619]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 245/469] [D loss: 0.213553] [G loss: 0.368919] [info loss: 1.556281]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 246/469] [D loss: 0.226244] [G loss: 0.393825] [info loss: 1.524470]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 247/469] [D loss: 0.218002] [G loss: 0.329854] [info loss: 1.539717]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 248/469] [D loss: 0.249701] [G loss: 0.351111] [info loss: 1.543943]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 249/469] [D loss: 0.234685] [G loss: 0.349976] [info loss: 1.537513]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 250/469] [D loss: 0.260979] [G loss: 0.322497] [info loss: 1.546654]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 251/469] [D loss: 0.235051] [G loss: 0.355187] [info loss: 1.540400]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 252/469] [D loss: 0.250972] [G loss: 0.362173] [info loss: 1.544973]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 253/469] [D loss: 0.227396] [G loss: 0.318697] [info loss: 1.555924]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 254/469] [D loss: 0.227147] [G loss: 0.355859] [info loss: 1.540026]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 255/469] [D loss: 0.225577] [G loss: 0.391550] [info loss: 1.529146]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 256/469] [D loss: 0.221430] [G loss: 0.352582] [info loss: 1.568018]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 257/469] [D loss: 0.246529] [G loss: 0.307228] [info loss: 1.545066]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 258/469] [D loss: 0.222014] [G loss: 0.402472] [info loss: 1.526507]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 259/469] [D loss: 0.254710] [G loss: 0.340259] [info loss: 1.549248]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 260/469] [D loss: 0.232395] [G loss: 0.391988] [info loss: 1.574570]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 261/469] [D loss: 0.221577] [G loss: 0.358720] [info loss: 1.554117]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 262/469] [D loss: 0.240421] [G loss: 0.297779] [info loss: 1.550086]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 263/469] [D loss: 0.245972] [G loss: 0.322700] [info loss: 1.580677]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 264/469] [D loss: 0.216254] [G loss: 0.392768] [info loss: 1.537214]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 265/469] [D loss: 0.239771] [G loss: 0.322731] [info loss: 1.540603]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 266/469] [D loss: 0.242461] [G loss: 0.328363] [info loss: 1.539191]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 0/200] [Batch 267/469] [D loss: 0.225944] [G loss: 0.313187] [info loss: 1.537772]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 268/469] [D loss: 0.222914] [G loss: 0.332603] [info loss: 1.537147]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 269/469] [D loss: 0.217259] [G loss: 0.372241] [info loss: 1.519137]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 270/469] [D loss: 0.224993] [G loss: 0.425864] [info loss: 1.546307]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 271/469] [D loss: 0.219002] [G loss: 0.305649] [info loss: 1.534070]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 272/469] [D loss: 0.214861] [G loss: 0.369701] [info loss: 1.549810]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 273/469] [D loss: 0.210019] [G loss: 0.390233] [info loss: 1.541005]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 274/469] [D loss: 0.236324] [G loss: 0.329029] [info loss: 1.539812]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 275/469] [D loss: 0.269989] [G loss: 0.315979] [info loss: 1.537265]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 276/469] [D loss: 0.239420] [G loss: 0.331115] [info loss: 1.528360]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 277/469] [D loss: 0.235400] [G loss: 0.336119] [info loss: 1.537459]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 278/469] [D loss: 0.241929] [G loss: 0.396454] [info loss: 1.522220]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 279/469] [D loss: 0.215109] [G loss: 0.368975] [info loss: 1.525211]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 280/469] [D loss: 0.225295] [G loss: 0.331149] [info loss: 1.523619]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 281/469] [D loss: 0.234023] [G loss: 0.430392] [info loss: 1.541009]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 282/469] [D loss: 0.221268] [G loss: 0.496716] [info loss: 1.530569]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 283/469] [D loss: 0.230658] [G loss: 0.394153] [info loss: 1.536414]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 284/469] [D loss: 0.234791] [G loss: 0.283739] [info loss: 1.538892]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 285/469] [D loss: 0.229280] [G loss: 0.317675] [info loss: 1.517925]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 286/469] [D loss: 0.241783] [G loss: 0.329856] [info loss: 1.539660]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 287/469] [D loss: 0.226512] [G loss: 0.323681] [info loss: 1.533514]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 288/469] [D loss: 0.239044] [G loss: 0.338168] [info loss: 1.529656]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 289/469] [D loss: 0.236611] [G loss: 0.342759] [info loss: 1.530091]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 290/469] [D loss: 0.212545] [G loss: 0.399985] [info loss: 1.523811]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 291/469] [D loss: 0.231011] [G loss: 0.364413] [info loss: 1.524737]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 292/469] [D loss: 0.271071] [G loss: 0.321816] [info loss: 1.526271]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 293/469] [D loss: 0.246944] [G loss: 0.329906] [info loss: 1.553591]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 294/469] [D loss: 0.238258] [G loss: 0.396938] [info loss: 1.544528]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 295/469] [D loss: 0.227133] [G loss: 0.328817] [info loss: 1.529285]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 296/469] [D loss: 0.239345] [G loss: 0.358464] [info loss: 1.533802]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 297/469] [D loss: 0.211349] [G loss: 0.376799] [info loss: 1.525278]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 298/469] [D loss: 0.233893] [G loss: 0.387822] [info loss: 1.516235]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 0/200] [Batch 299/469] [D loss: 0.226708] [G loss: 0.354054] [info loss: 1.518149]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 300/469] [D loss: 0.222887] [G loss: 0.391514] [info loss: 1.546780]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 301/469] [D loss: 0.231733] [G loss: 0.369749] [info loss: 1.528409]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 302/469] [D loss: 0.239106] [G loss: 0.343444] [info loss: 1.521630]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 303/469] [D loss: 0.234117] [G loss: 0.302560] [info loss: 1.534256]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 304/469] [D loss: 0.245959] [G loss: 0.340732] [info loss: 1.527688]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 305/469] [D loss: 0.262307] [G loss: 0.349168] [info loss: 1.523655]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 306/469] [D loss: 0.252077] [G loss: 0.341133] [info loss: 1.523736]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 307/469] [D loss: 0.209533] [G loss: 0.351419] [info loss: 1.539869]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 308/469] [D loss: 0.244708] [G loss: 0.337195] [info loss: 1.518190]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 309/469] [D loss: 0.228276] [G loss: 0.310799] [info loss: 1.518477]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 310/469] [D loss: 0.237659] [G loss: 0.381789] [info loss: 1.514144]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 311/469] [D loss: 0.235822] [G loss: 0.373357] [info loss: 1.520916]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 312/469] [D loss: 0.252145] [G loss: 0.355335] [info loss: 1.501373]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 313/469] [D loss: 0.254850] [G loss: 0.342523] [info loss: 1.522298]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 314/469] [D loss: 0.250166] [G loss: 0.363495] [info loss: 1.523316]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 315/469] [D loss: 0.246896] [G loss: 0.371610] [info loss: 1.510340]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 316/469] [D loss: 0.223488] [G loss: 0.398876] [info loss: 1.517794]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 317/469] [D loss: 0.249733] [G loss: 0.338151] [info loss: 1.517363]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 318/469] [D loss: 0.219467] [G loss: 0.341627] [info loss: 1.507339]
[[0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 319/469] [D loss: 0.232955] [G loss: 0.356571] [info loss: 1.515910]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 320/469] [D loss: 0.266674] [G loss: 0.330199] [info loss: 1.535271]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 321/469] [D loss: 0.242744] [G loss: 0.289200] [info loss: 1.525726]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 322/469] [D loss: 0.253663] [G loss: 0.310251] [info loss: 1.513082]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 323/469] [D loss: 0.253566] [G loss: 0.354011] [info loss: 1.531448]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 324/469] [D loss: 0.259427] [G loss: 0.290270] [info loss: 1.520927]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 325/469] [D loss: 0.246360] [G loss: 0.336047] [info loss: 1.518068]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 326/469] [D loss: 0.233132] [G loss: 0.371294] [info loss: 1.514661]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 327/469] [D loss: 0.246819] [G loss: 0.284323] [info loss: 1.507666]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 328/469] [D loss: 0.247019] [G loss: 0.285821] [info loss: 1.504377]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 329/469] [D loss: 0.236064] [G loss: 0.344472] [info loss: 1.524350]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 330/469] [D loss: 0.251039] [G loss: 0.352566] [info loss: 1.513894]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 331/469] [D loss: 0.226489] [G loss: 0.337940] [info loss: 1.520934]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 332/469] [D loss: 0.274242] [G loss: 0.285180] [info loss: 1.525814]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 333/469] [D loss: 0.223281] [G loss: 0.379028] [info loss: 1.504127]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 334/469] [D loss: 0.247907] [G loss: 0.438754] [info loss: 1.512589]
[[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 335/469] [D loss: 0.273011] [G loss: 0.284175] [info loss: 1.527305]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 336/469] [D loss: 0.264265] [G loss: 0.337928] [info loss: 1.545988]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 337/469] [D loss: 0.244222] [G loss: 0.338350] [info loss: 1.503295]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...

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```

[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 338/469] [D loss: 0.245374] [G loss: 0.373791] [info loss: 1.513855]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 339/469] [D loss: 0.215902] [G loss: 0.307562] [info loss: 1.512902]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 340/469] [D loss: 0.224484] [G loss: 0.328766] [info loss: 1.519917]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 341/469] [D loss: 0.244026] [G loss: 0.307800] [info loss: 1.521765]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 342/469] [D loss: 0.220906] [G loss: 0.338799] [info loss: 1.513210]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 343/469] [D loss: 0.248183] [G loss: 0.362781] [info loss: 1.515166]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 344/469] [D loss: 0.213985] [G loss: 0.315228] [info loss: 1.509328]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 345/469] [D loss: 0.254074] [G loss: 0.278455] [info loss: 1.511939]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 346/469] [D loss: 0.213313] [G loss: 0.330920] [info loss: 1.529834]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 347/469] [D loss: 0.256843] [G loss: 0.404296] [info loss: 1.504545]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 348/469] [D loss: 0.218910] [G loss: 0.361611] [info loss: 1.500961]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 349/469] [D loss: 0.248226] [G loss: 0.348046] [info loss: 1.522569]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 350/469] [D loss: 0.219286] [G loss: 0.327560] [info loss: 1.520763]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 351/469] [D loss: 0.248211] [G loss: 0.349494] [info loss: 1.514203]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 352/469] [D loss: 0.234444] [G loss: 0.319175] [info loss: 1.500892]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 353/469] [D loss: 0.232904] [G loss: 0.292127] [info loss: 1.502881]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 354/469] [D loss: 0.238199] [G loss: 0.340265] [info loss: 1.511417]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 355/469] [D loss: 0.269153] [G loss: 0.260773] [info loss: 1.511899]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 356/469] [D loss: 0.235670] [G loss: 0.350516] [info loss: 1.506242]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 357/469] [D loss: 0.234915] [G loss: 0.367965] [info loss: 1.509333]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 358/469] [D loss: 0.236108] [G loss: 0.280813] [info loss: 1.514475]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 359/469] [D loss: 0.218433] [G loss: 0.260353] [info loss: 1.506729]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 360/469] [D loss: 0.226588] [G loss: 0.318392] [info loss: 1.514910]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 361/469] [D loss: 0.246785] [G loss: 0.310975] [info loss: 1.506750]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 362/469] [D loss: 0.233472] [G loss: 0.381113] [info loss: 1.517990]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[Epoch 0/200] [Batch 363/469] [D loss: 0.258521] [G loss: 0.348062] [info loss: 1.526586]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 364/469] [D loss: 0.221218] [G loss: 0.294818] [info loss: 1.505211]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 365/469] [D loss: 0.245381] [G loss: 0.302592] [info loss: 1.511574]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 366/469] [D loss: 0.216231] [G loss: 0.372203] [info loss: 1.504236]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 367/469] [D loss: 0.235877] [G loss: 0.363324] [info loss: 1.509456]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 368/469] [D loss: 0.213583] [G loss: 0.354787] [info loss: 1.505669]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 369/469] [D loss: 0.230983] [G loss: 0.279936] [info loss: 1.516084]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 370/469] [D loss: 0.231981] [G loss: 0.281036] [info loss: 1.511273]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 371/469] [D loss: 0.266979] [G loss: 0.353350] [info loss: 1.510388]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 372/469] [D loss: 0.230703] [G loss: 0.363295] [info loss: 1.497952]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 373/469] [D loss: 0.237840] [G loss: 0.315854] [info loss: 1.505920]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 374/469] [D loss: 0.251250] [G loss: 0.264092] [info loss: 1.498437]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 375/469] [D loss: 0.246225] [G loss: 0.287934] [info loss: 1.499392]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 376/469] [D loss: 0.222203] [G loss: 0.336467] [info loss: 1.500546]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 377/469] [D loss: 0.245027] [G loss: 0.323310] [info loss: 1.496123]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 378/469] [D loss: 0.218173] [G loss: 0.349500] [info loss: 1.499847]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

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[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 379/469] [D loss: 0.275155] [G loss: 0.366857] [info loss: 1.506188]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 380/469] [D loss: 0.257872] [G loss: 0.275850] [info loss: 1.508819]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 381/469] [D loss: 0.243865] [G loss: 0.267039] [info loss: 1.509712]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 382/469] [D loss: 0.243980] [G loss: 0.365404] [info loss: 1.516606]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 383/469] [D loss: 0.238693] [G loss: 0.370816] [info loss: 1.513241]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 384/469] [D loss: 0.238656] [G loss: 0.330343] [info loss: 1.498354]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 385/469] [D loss: 0.223289] [G loss: 0.292687] [info loss: 1.499415]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 386/469] [D loss: 0.240461] [G loss: 0.342621] [info loss: 1.498368]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 387/469] [D loss: 0.246888] [G loss: 0.337327] [info loss: 1.513529]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 388/469] [D loss: 0.238053] [G loss: 0.309720] [info loss: 1.512068]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 389/469] [D loss: 0.232598] [G loss: 0.333476] [info loss: 1.517804]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 390/469] [D loss: 0.236908] [G loss: 0.342178] [info loss: 1.507613]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 391/469] [D loss: 0.232374] [G loss: 0.279315] [info loss: 1.508882]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 392/469] [D loss: 0.228447] [G loss: 0.308123] [info loss: 1.508008]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 393/469] [D loss: 0.238781] [G loss: 0.343258] [info loss: 1.510465]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 394/469] [D loss: 0.220657] [G loss: 0.376492] [info loss: 1.500308]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 395/469] [D loss: 0.225238] [G loss: 0.309596] [info loss: 1.511448]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 396/469] [D loss: 0.251776] [G loss: 0.213411] [info loss: 1.513218]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 397/469] [D loss: 0.254615] [G loss: 0.310661] [info loss: 1.500941]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 398/469] [D loss: 0.249039] [G loss: 0.351749] [info loss: 1.514121]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 399/469] [D loss: 0.250544] [G loss: 0.344119] [info loss: 1.493235]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 400/469] [D loss: 0.258065] [G loss: 0.326164] [info loss: 1.503448]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 401/469] [D loss: 0.244686] [G loss: 0.301641] [info loss: 1.505203]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 402/469] [D loss: 0.247462] [G loss: 0.356493] [info loss: 1.509647]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 403/469] [D loss: 0.247864] [G loss: 0.319418] [info loss: 1.501058]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 404/469] [D loss: 0.247868] [G loss: 0.370704] [info loss: 1.512521]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 405/469] [D loss: 0.270249] [G loss: 0.326767] [info loss: 1.503449]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 406/469] [D loss: 0.208881] [G loss: 0.320773] [info loss: 1.501546]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 407/469] [D loss: 0.257055] [G loss: 0.239979] [info loss: 1.506865]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 408/469] [D loss: 0.260891] [G loss: 0.315083] [info loss: 1.528869]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 409/469] [D loss: 0.242361] [G loss: 0.392956] [info loss: 1.495675]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 410/469] [D loss: 0.239028] [G loss: 0.343066] [info loss: 1.499284]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 411/469] [D loss: 0.250522] [G loss: 0.328905] [info loss: 1.493920]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 412/469] [D loss: 0.245869] [G loss: 0.278878] [info loss: 1.500644]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 413/469] [D loss: 0.253647] [G loss: 0.315272] [info loss: 1.511705]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 414/469] [D loss: 0.239391] [G loss: 0.350084] [info loss: 1.525550]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 415/469] [D loss: 0.240500] [G loss: 0.343635] [info loss: 1.508506]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 416/469] [D loss: 0.227755] [G loss: 0.350118] [info loss: 1.513729]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 417/469] [D loss: 0.226791] [G loss: 0.342577] [info loss: 1.495385]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 418/469] [D loss: 0.213085] [G loss: 0.325908] [info loss: 1.501079]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 419/469] [D loss: 0.248837] [G loss: 0.356730] [info loss: 1.494473]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 420/469] [D loss: 0.245116] [G loss: 0.370903] [info loss: 1.499647]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 421/469] [D loss: 0.240060] [G loss: 0.343741] [info loss: 1.492873]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 422/469] [D loss: 0.263820] [G loss: 0.277259] [info loss: 1.494679]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 423/469] [D loss: 0.247242] [G loss: 0.298111] [info loss: 1.503758]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 424/469] [D loss: 0.247759] [G loss: 0.328395] [info loss: 1.508312]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 425/469] [D loss: 0.255932] [G loss: 0.288480] [info loss: 1.494534]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 426/469] [D loss: 0.251336] [G loss: 0.296199] [info loss: 1.502409]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 427/469] [D loss: 0.248453] [G loss: 0.332185] [info loss: 1.519348]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 428/469] [D loss: 0.253777] [G loss: 0.323680] [info loss: 1.495790]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 429/469] [D loss: 0.232318] [G loss: 0.315587] [info loss: 1.505253]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 430/469] [D loss: 0.237421] [G loss: 0.326972] [info loss: 1.509565]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 431/469] [D loss: 0.234362] [G loss: 0.304458] [info loss: 1.508718]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 432/469] [D loss: 0.237255] [G loss: 0.321424] [info loss: 1.507844]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 433/469] [D loss: 0.221842] [G loss: 0.340308] [info loss: 1.515320]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 434/469] [D loss: 0.224095] [G loss: 0.318505] [info loss: 1.510338]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 435/469] [D loss: 0.241202] [G loss: 0.297922] [info loss: 1.525801]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 436/469] [D loss: 0.259287] [G loss: 0.340246] [info loss: 1.496751]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 437/469] [D loss: 0.232901] [G loss: 0.372709] [info loss: 1.525557]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 438/469] [D loss: 0.225928] [G loss: 0.250122] [info loss: 1.511330]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 439/469] [D loss: 0.217025] [G loss: 0.351043] [info loss: 1.503545]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 440/469] [D loss: 0.256812] [G loss: 0.338048] [info loss: 1.490924]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 441/469] [D loss: 0.229869] [G loss: 0.350059] [info loss: 1.495743]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 442/469] [D loss: 0.229247] [G loss: 0.262069] [info loss: 1.499460]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 0/200] [Batch 443/469] [D loss: 0.240561] [G loss: 0.322950] [info loss: 1.502522]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 444/469] [D loss: 0.223816] [G loss: 0.339581] [info loss: 1.499780]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 445/469] [D loss: 0.260918] [G loss: 0.349341] [info loss: 1.492000]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 446/469] [D loss: 0.222101] [G loss: 0.298046] [info loss: 1.499988]
[[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 447/469] [D loss: 0.225550] [G loss: 0.275187] [info loss: 1.496749]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 448/469] [D loss: 0.241425] [G loss: 0.299239] [info loss: 1.502662]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 449/469] [D loss: 0.226183] [G loss: 0.310830] [info loss: 1.496278]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 450/469] [D loss: 0.244723] [G loss: 0.334836] [info loss: 1.510621]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 451/469] [D loss: 0.235011] [G loss: 0.340665] [info loss: 1.491208]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 452/469] [D loss: 0.249003] [G loss: 0.317830] [info loss: 1.497443]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 453/469] [D loss: 0.245711] [G loss: 0.303278] [info loss: 1.502432]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 0/200] [Batch 454/469] [D loss: 0.247296] [G loss: 0.281858] [info loss: 1.501109]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 455/469] [D loss: 0.243545] [G loss: 0.301987] [info loss: 1.495605]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 456/469] [D loss: 0.261090] [G loss: 0.348197] [info loss: 1.502390]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 0/200] [Batch 457/469] [D loss: 0.252740] [G loss: 0.356557] [info loss: 1.492676]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 458/469] [D loss: 0.235642] [G loss: 0.324553] [info loss: 1.498999]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 459/469] [D loss: 0.242071] [G loss: 0.273600] [info loss: 1.506495]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 460/469] [D loss: 0.234991] [G loss: 0.335844] [info loss: 1.514617]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 461/469] [D loss: 0.265658] [G loss: 0.308255] [info loss: 1.503221]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 462/469] [D loss: 0.252137] [G loss: 0.285945] [info loss: 1.492479]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 463/469] [D loss: 0.243578] [G loss: 0.237345] [info loss: 1.513601]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 0/200] [Batch 464/469] [D loss: 0.231785] [G loss: 0.332156] [info loss: 1.489247]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 465/469] [D loss: 0.249335] [G loss: 0.363476] [info loss: 1.495777]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 466/469] [D loss: 0.245207] [G loss: 0.327038] [info loss: 1.494055]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 0/200] [Batch 467/469] [D loss: 0.248784] [G loss: 0.316841] [info loss: 1.495501]
[[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]

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[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]

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[

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[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]

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[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[Epoch 0/200] [Batch 468/469] [D loss: 0.244759] [G loss: 0.352395] [info loss: 1.494391]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 0/469] [D loss: 0.255799] [G loss: 0.337525] [info loss: 1.494657]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 1/469] [D loss: 0.252044] [G loss: 0.326607] [info loss: 1.504001]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 2/469] [D loss: 0.247686] [G loss: 0.308924] [info loss: 1.495375]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 3/469] [D loss: 0.239791] [G loss: 0.317156] [info loss: 1.501721]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 4/469] [D loss: 0.215122] [G loss: 0.328293] [info loss: 1.490710]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 5/469] [D loss: 0.227172] [G loss: 0.338561] [info loss: 1.495627]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 6/469] [D loss: 0.249272] [G loss: 0.309521] [info loss: 1.498795]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

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[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 7/469] [D loss: 0.240958] [G loss: 0.285365] [info loss: 1.512336]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 8/469] [D loss: 0.243445] [G loss: 0.314247] [info loss: 1.500814]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 9/469] [D loss: 0.257933] [G loss: 0.317663] [info loss: 1.497263]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 10/469] [D loss: 0.232921] [G loss: 0.299749] [info loss: 1.485651]

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```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 11/469] [D loss: 0.224575] [G loss: 0.287365] [info loss: 1.498021]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 12/469] [D loss: 0.228252] [G loss: 0.276112] [info loss: 1.493848]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 13/469] [D loss: 0.249948] [G loss: 0.315181] [info loss: 1.495334]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 14/469] [D loss: 0.229630] [G loss: 0.282692] [info loss: 1.499630]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 15/469] [D loss: 0.239326] [G loss: 0.285254] [info loss: 1.495369]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 16/469] [D loss: 0.239956] [G loss: 0.289456] [info loss: 1.492841]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```



```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 17/469] [D loss: 0.270692] [G loss: 0.334581] [info loss: 1.492411]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 18/469] [D loss: 0.259556] [G loss: 0.374989] [info loss: 1.496044]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 19/469] [D loss: 0.231987] [G loss: 0.320215] [info loss: 1.490225]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 20/469] [D loss: 0.245132] [G loss: 0.282436] [info loss: 1.497971]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 21/469] [D loss: 0.242220] [G loss: 0.304834] [info loss: 1.487515]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 22/469] [D loss: 0.230899] [G loss: 0.286556] [info loss: 1.510398]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 23/469] [D loss: 0.258566] [G loss: 0.301807] [info loss: 1.506029]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 24/469] [D loss: 0.246827] [G loss: 0.307818] [info loss: 1.494180]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 25/469] [D loss: 0.256802] [G loss: 0.276630] [info loss: 1.494274]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 26/469] [D loss: 0.230562] [G loss: 0.278171] [info loss: 1.491722]

```

```

[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 27/469] [D loss: 0.242365] [G loss: 0.303558] [info loss: 1.496848]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 28/469] [D loss: 0.245431] [G loss: 0.312794] [info loss: 1.499516]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 29/469] [D loss: 0.229956] [G loss: 0.321652] [info loss: 1.494839]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 30/469] [D loss: 0.257516] [G loss: 0.330233] [info loss: 1.492987]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 31/469] [D loss: 0.223265] [G loss: 0.260482] [info loss: 1.493603]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 32/469] [D loss: 0.247691] [G loss: 0.317574] [info loss: 1.489095]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 33/469] [D loss: 0.240943] [G loss: 0.319368] [info loss: 1.490559]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 34/469] [D loss: 0.265591] [G loss: 0.292532] [info loss: 1.490351]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 35/469] [D loss: 0.224685] [G loss: 0.299960] [info loss: 1.486051]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 36/469] [D loss: 0.265987] [G loss: 0.299907] [info loss: 1.490505]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 37/469] [D loss: 0.246373] [G loss: 0.359509] [info loss: 1.501170]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 38/469] [D loss: 0.231931] [G loss: 0.311362] [info loss: 1.494576]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 39/469] [D loss: 0.228583] [G loss: 0.357618] [info loss: 1.490251]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 40/469] [D loss: 0.253128] [G loss: 0.293386] [info loss: 1.496623]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 41/469] [D loss: 0.242245] [G loss: 0.304131] [info loss: 1.488041]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 42/469] [D loss: 0.233626] [G loss: 0.294765] [info loss: 1.489361]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 43/469] [D loss: 0.235418] [G loss: 0.280962] [info loss: 1.495180]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 44/469] [D loss: 0.244456] [G loss: 0.299999] [info loss: 1.496215]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 45/469] [D loss: 0.241294] [G loss: 0.298673] [info loss: 1.500956]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 46/469] [D loss: 0.248563] [G loss: 0.291615] [info loss: 1.494764]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 47/469] [D loss: 0.255307] [G loss: 0.323160] [info loss: 1.486195]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 48/469] [D loss: 0.231579] [G loss: 0.350066] [info loss: 1.494623]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 49/469] [D loss: 0.253880] [G loss: 0.365804] [info loss: 1.486610]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 50/469] [D loss: 0.235270] [G loss: 0.323496] [info loss: 1.487571]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 51/469] [D loss: 0.221996] [G loss: 0.290229] [info loss: 1.492538]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 52/469] [D loss: 0.239248] [G loss: 0.300236] [info loss: 1.496487]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 53/469] [D loss: 0.234572] [G loss: 0.330647] [info loss: 1.492361]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 54/469] [D loss: 0.225253] [G loss: 0.314496] [info loss: 1.491417]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 55/469] [D loss: 0.237987] [G loss: 0.326925] [info loss: 1.496426]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 56/469] [D loss: 0.257192] [G loss: 0.336826] [info loss: 1.494149]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 57/469] [D loss: 0.227360] [G loss: 0.286989] [info loss: 1.482803]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 58/469] [D loss: 0.219233] [G loss: 0.298804] [info loss: 1.492648]

```

```

[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 59/469] [D loss: 0.248762] [G loss: 0.312516] [info loss: 1.492516]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 60/469] [D loss: 0.244636] [G loss: 0.340287] [info loss: 1.491292]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 61/469] [D loss: 0.224584] [G loss: 0.318826] [info loss: 1.488245]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 62/469] [D loss: 0.250095] [G loss: 0.269838] [info loss: 1.498792]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 63/469] [D loss: 0.242255] [G loss: 0.307570] [info loss: 1.492833]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 64/469] [D loss: 0.253163] [G loss: 0.285729] [info loss: 1.482851]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 65/469] [D loss: 0.245683] [G loss: 0.305772] [info loss: 1.485457]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 66/469] [D loss: 0.247559] [G loss: 0.279343] [info loss: 1.486610]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 67/469] [D loss: 0.231959] [G loss: 0.324245] [info loss: 1.493348]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 68/469] [D loss: 0.233544] [G loss: 0.335433] [info loss: 1.487078]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 69/469] [D loss: 0.266171] [G loss: 0.312340] [info loss: 1.493068]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 70/469] [D loss: 0.253579] [G loss: 0.283184] [info loss: 1.496893]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 71/469] [D loss: 0.231523] [G loss: 0.294895] [info loss: 1.489386]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 72/469] [D loss: 0.229728] [G loss: 0.321800] [info loss: 1.484634]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 73/469] [D loss: 0.225749] [G loss: 0.277864] [info loss: 1.485055]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 74/469] [D loss: 0.217984] [G loss: 0.316611] [info loss: 1.505585]

```

```

[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 75/469] [D loss: 0.205749] [G loss: 0.302255] [info loss: 1.492924]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 76/469] [D loss: 0.244468] [G loss: 0.326668] [info loss: 1.486414]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 77/469] [D loss: 0.236877] [G loss: 0.284346] [info loss: 1.495234]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 78/469] [D loss: 0.226935] [G loss: 0.277015] [info loss: 1.500292]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 79/469] [D loss: 0.239767] [G loss: 0.292937] [info loss: 1.486855]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 80/469] [D loss: 0.258251] [G loss: 0.328042] [info loss: 1.493754]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 81/469] [D loss: 0.281248] [G loss: 0.320765] [info loss: 1.487353]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 82/469] [D loss: 0.255199] [G loss: 0.248500] [info loss: 1.489452]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 83/469] [D loss: 0.227848] [G loss: 0.323589] [info loss: 1.493445]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 84/469] [D loss: 0.242285] [G loss: 0.356833] [info loss: 1.491561]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 85/469] [D loss: 0.237349] [G loss: 0.293527] [info loss: 1.492407]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 86/469] [D loss: 0.241247] [G loss: 0.300372] [info loss: 1.484886]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 87/469] [D loss: 0.251311] [G loss: 0.316111] [info loss: 1.491028]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 88/469] [D loss: 0.237064] [G loss: 0.308666] [info loss: 1.486969]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 89/469] [D loss: 0.259135] [G loss: 0.356343] [info loss: 1.487418]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 90/469] [D loss: 0.236489] [G loss: 0.300077] [info loss: 1.485725]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 91/469] [D loss: 0.222591] [G loss: 0.314747] [info loss: 1.493473]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 92/469] [D loss: 0.226780] [G loss: 0.307431] [info loss: 1.491662]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 93/469] [D loss: 0.242409] [G loss: 0.312758] [info loss: 1.495013]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```



```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 94/469] [D loss: 0.250518] [G loss: 0.262003] [info loss: 1.487918]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 95/469] [D loss: 0.230994] [G loss: 0.312822] [info loss: 1.503163]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 96/469] [D loss: 0.224506] [G loss: 0.298658] [info loss: 1.486423]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 97/469] [D loss: 0.232823] [G loss: 0.358568] [info loss: 1.487518]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 98/469] [D loss: 0.239995] [G loss: 0.328112] [info loss: 1.486937]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 99/469] [D loss: 0.245377] [G loss: 0.300872] [info loss: 1.482975]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 100/469] [D loss: 0.218649] [G loss: 0.317337] [info loss: 1.485072]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 101/469] [D loss: 0.244538] [G loss: 0.293155] [info loss: 1.488443]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 102/469] [D loss: 0.214694] [G loss: 0.287258] [info loss: 1.496921]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 103/469] [D loss: 0.237951] [G loss: 0.301097] [info loss: 1.481102]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 104/469] [D loss: 0.230552] [G loss: 0.318202] [info loss: 1.498130]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 105/469] [D loss: 0.235636] [G loss: 0.311420] [info loss: 1.488453]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 106/469] [D loss: 0.225245] [G loss: 0.319879] [info loss: 1.489271]

```

```

[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 107/469] [D loss: 0.226143] [G loss: 0.299731] [info loss: 1.487701]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 108/469] [D loss: 0.224516] [G loss: 0.321242] [info loss: 1.483759]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 109/469] [D loss: 0.249396] [G loss: 0.339384] [info loss: 1.488290]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 110/469] [D loss: 0.221336] [G loss: 0.305779] [info loss: 1.492971]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 111/469] [D loss: 0.224441] [G loss: 0.356665] [info loss: 1.491470]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 112/469] [D loss: 0.248238] [G loss: 0.291846] [info loss: 1.502017]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 113/469] [D loss: 0.240234] [G loss: 0.304687] [info loss: 1.496933]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 114/469] [D loss: 0.240771] [G loss: 0.256902] [info loss: 1.489915]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 115/469] [D loss: 0.246000] [G loss: 0.292601] [info loss: 1.482303]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 116/469] [D loss: 0.236454] [G loss: 0.326018] [info loss: 1.491647]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 117/469] [D loss: 0.248729] [G loss: 0.360870] [info loss: 1.488031]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 118/469] [D loss: 0.209075] [G loss: 0.340897] [info loss: 1.481975]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 119/469] [D loss: 0.208744] [G loss: 0.276119] [info loss: 1.485332]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 120/469] [D loss: 0.226952] [G loss: 0.301515] [info loss: 1.491453]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 121/469] [D loss: 0.221245] [G loss: 0.320882] [info loss: 1.486731]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 122/469] [D loss: 0.235591] [G loss: 0.282540] [info loss: 1.493682]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 123/469] [D loss: 0.240513] [G loss: 0.285655] [info loss: 1.484865]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 124/469] [D loss: 0.245132] [G loss: 0.292080] [info loss: 1.483513]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 125/469] [D loss: 0.214687] [G loss: 0.280177] [info loss: 1.489347]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 126/469] [D loss: 0.255721] [G loss: 0.307479] [info loss: 1.485945]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 127/469] [D loss: 0.240518] [G loss: 0.305289] [info loss: 1.503638]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 128/469] [D loss: 0.253661] [G loss: 0.296019] [info loss: 1.483544]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 129/469] [D loss: 0.237199] [G loss: 0.287150] [info loss: 1.493979]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 130/469] [D loss: 0.234586] [G loss: 0.346173] [info loss: 1.481196]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 131/469] [D loss: 0.251813] [G loss: 0.287750] [info loss: 1.485215]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 132/469] [D loss: 0.245419] [G loss: 0.337701] [info loss: 1.485819]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 133/469] [D loss: 0.226831] [G loss: 0.278209] [info loss: 1.487039]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 134/469] [D loss: 0.250316] [G loss: 0.260997] [info loss: 1.494080]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 135/469] [D loss: 0.221245] [G loss: 0.347071] [info loss: 1.485220]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 136/469] [D loss: 0.247947] [G loss: 0.335199] [info loss: 1.498582]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 137/469] [D loss: 0.255840] [G loss: 0.347741] [info loss: 1.488142]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 138/469] [D loss: 0.251650] [G loss: 0.326705] [info loss: 1.497075]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 139/469] [D loss: 0.224831] [G loss: 0.328250] [info loss: 1.485082]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 140/469] [D loss: 0.230949] [G loss: 0.311478] [info loss: 1.504243]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 141/469] [D loss: 0.238145] [G loss: 0.330487] [info loss: 1.486160]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 142/469] [D loss: 0.244084] [G loss: 0.290259] [info loss: 1.481471]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 143/469] [D loss: 0.234953] [G loss: 0.332276] [info loss: 1.489973]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 144/469] [D loss: 0.230484] [G loss: 0.335684] [info loss: 1.485099]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 145/469] [D loss: 0.242828] [G loss: 0.288938] [info loss: 1.494108]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 146/469] [D loss: 0.224728] [G loss: 0.326278] [info loss: 1.493394]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 147/469] [D loss: 0.240970] [G loss: 0.315082] [info loss: 1.492647]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 148/469] [D loss: 0.264108] [G loss: 0.281310] [info loss: 1.488395]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 149/469] [D loss: 0.217110] [G loss: 0.306731] [info loss: 1.485645]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 150/469] [D loss: 0.221410] [G loss: 0.295872] [info loss: 1.488551]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 151/469] [D loss: 0.230747] [G loss: 0.295353] [info loss: 1.489032]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 152/469] [D loss: 0.217772] [G loss: 0.316266] [info loss: 1.484645]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 153/469] [D loss: 0.235631] [G loss: 0.320093] [info loss: 1.484847]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 154/469] [D loss: 0.239905] [G loss: 0.294758] [info loss: 1.488297]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 155/469] [D loss: 0.228182] [G loss: 0.297093] [info loss: 1.483371]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 156/469] [D loss: 0.257485] [G loss: 0.305550] [info loss: 1.485381]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 157/469] [D loss: 0.230850] [G loss: 0.289931] [info loss: 1.487307]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 158/469] [D loss: 0.236331] [G loss: 0.315125] [info loss: 1.488619]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 159/469] [D loss: 0.244442] [G loss: 0.346441] [info loss: 1.486171]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 160/469] [D loss: 0.241826] [G loss: 0.360108] [info loss: 1.484614]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 161/469] [D loss: 0.248702] [G loss: 0.362313] [info loss: 1.489337]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 162/469] [D loss: 0.258756] [G loss: 0.261644] [info loss: 1.486654]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 163/469] [D loss: 0.243602] [G loss: 0.342429] [info loss: 1.488297]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 164/469] [D loss: 0.248535] [G loss: 0.307944] [info loss: 1.489069]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 165/469] [D loss: 0.212898] [G loss: 0.400639] [info loss: 1.493079]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 166/469] [D loss: 0.243419] [G loss: 0.314029] [info loss: 1.483468]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 167/469] [D loss: 0.239060] [G loss: 0.254842] [info loss: 1.488844]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 168/469] [D loss: 0.242371] [G loss: 0.312648] [info loss: 1.486752]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 169/469] [D loss: 0.239529] [G loss: 0.301136] [info loss: 1.484256]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 170/469] [D loss: 0.271976] [G loss: 0.316586] [info loss: 1.498736]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 171/469] [D loss: 0.228125] [G loss: 0.325468] [info loss: 1.493455]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 172/469] [D loss: 0.257167] [G loss: 0.314354] [info loss: 1.479189]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 173/469] [D loss: 0.240797] [G loss: 0.349955] [info loss: 1.484998]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 174/469] [D loss: 0.239433] [G loss: 0.288129] [info loss: 1.488861]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 175/469] [D loss: 0.240378] [G loss: 0.346239] [info loss: 1.484174]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 176/469] [D loss: 0.229518] [G loss: 0.278700] [info loss: 1.498410]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 177/469] [D loss: 0.259309] [G loss: 0.323682] [info loss: 1.484915]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 178/469] [D loss: 0.234942] [G loss: 0.341233] [info loss: 1.483804]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 179/469] [D loss: 0.234731] [G loss: 0.361932] [info loss: 1.483928]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 180/469] [D loss: 0.236987] [G loss: 0.276880] [info loss: 1.490724]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 181/469] [D loss: 0.222963] [G loss: 0.286520] [info loss: 1.488210]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 182/469] [D loss: 0.249888] [G loss: 0.283324] [info loss: 1.485737]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 183/469] [D loss: 0.259388] [G loss: 0.317677] [info loss: 1.487185]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 184/469] [D loss: 0.241618] [G loss: 0.257277] [info loss: 1.491430]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 185/469] [D loss: 0.226401] [G loss: 0.296730] [info loss: 1.486616]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 186/469] [D loss: 0.236165] [G loss: 0.277156] [info loss: 1.481698]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 187/469] [D loss: 0.256987] [G loss: 0.294772] [info loss: 1.488406]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 188/469] [D loss: 0.237405] [G loss: 0.328461] [info loss: 1.483371]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 189/469] [D loss: 0.233263] [G loss: 0.340634] [info loss: 1.489883]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 190/469] [D loss: 0.216290] [G loss: 0.335473] [info loss: 1.494911]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 191/469] [D loss: 0.229435] [G loss: 0.331801] [info loss: 1.489009]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 192/469] [D loss: 0.241270] [G loss: 0.285411] [info loss: 1.487769]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 193/469] [D loss: 0.250254] [G loss: 0.282257] [info loss: 1.482860]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 194/469] [D loss: 0.239343] [G loss: 0.310048] [info loss: 1.482681]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 195/469] [D loss: 0.239546] [G loss: 0.341847] [info loss: 1.482402]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 196/469] [D loss: 0.247137] [G loss: 0.286621] [info loss: 1.483879]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 197/469] [D loss: 0.234259] [G loss: 0.341847] [info loss: 1.488959]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 198/469] [D loss: 0.244265] [G loss: 0.340932] [info loss: 1.482888]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 199/469] [D loss: 0.218367] [G loss: 0.375878] [info loss: 1.488943]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 200/469] [D loss: 0.230629] [G loss: 0.312527] [info loss: 1.483830]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 201/469] [D loss: 0.242846] [G loss: 0.316797] [info loss: 1.503689]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 202/469] [D loss: 0.246995] [G loss: 0.294386] [info loss: 1.487934]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 203/469] [D loss: 0.235741] [G loss: 0.275834] [info loss: 1.485398]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 204/469] [D loss: 0.237364] [G loss: 0.298728] [info loss: 1.480911]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 205/469] [D loss: 0.223009] [G loss: 0.275569] [info loss: 1.485112]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 206/469] [D loss: 0.228705] [G loss: 0.335447] [info loss: 1.486721]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 207/469] [D loss: 0.242667] [G loss: 0.265782] [info loss: 1.491560]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 208/469] [D loss: 0.252990] [G loss: 0.314172] [info loss: 1.490845]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 209/469] [D loss: 0.231179] [G loss: 0.322279] [info loss: 1.487393]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 210/469] [D loss: 0.204545] [G loss: 0.291900] [info loss: 1.497560]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 211/469] [D loss: 0.235329] [G loss: 0.294107] [info loss: 1.484197]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 212/469] [D loss: 0.237374] [G loss: 0.302320] [info loss: 1.490802]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 213/469] [D loss: 0.239534] [G loss: 0.368957] [info loss: 1.483377]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 214/469] [D loss: 0.257672] [G loss: 0.291711] [info loss: 1.486678]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 215/469] [D loss: 0.242225] [G loss: 0.313246] [info loss: 1.486273]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 216/469] [D loss: 0.224629] [G loss: 0.294991] [info loss: 1.490063]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 217/469] [D loss: 0.237967] [G loss: 0.285712] [info loss: 1.492455]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 218/469] [D loss: 0.232724] [G loss: 0.323335] [info loss: 1.493664]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 219/469] [D loss: 0.246122] [G loss: 0.322661] [info loss: 1.490594]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 220/469] [D loss: 0.237624] [G loss: 0.310022] [info loss: 1.483260]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 221/469] [D loss: 0.230192] [G loss: 0.288866] [info loss: 1.513711]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]

```



```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 222/469] [D loss: 0.244974] [G loss: 0.297046] [info loss: 1.487304]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 223/469] [D loss: 0.231752] [G loss: 0.313766] [info loss: 1.483422]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 224/469] [D loss: 0.236656] [G loss: 0.320756] [info loss: 1.488789]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 225/469] [D loss: 0.232839] [G loss: 0.278805] [info loss: 1.487147]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 226/469] [D loss: 0.235879] [G loss: 0.311764] [info loss: 1.480165]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 227/469] [D loss: 0.219570] [G loss: 0.292528] [info loss: 1.488734]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 228/469] [D loss: 0.235872] [G loss: 0.278910] [info loss: 1.493548]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 229/469] [D loss: 0.229609] [G loss: 0.357216] [info loss: 1.482194]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 230/469] [D loss: 0.253908] [G loss: 0.308862] [info loss: 1.480986]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 231/469] [D loss: 0.252013] [G loss: 0.301991] [info loss: 1.483520]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 232/469] [D loss: 0.229458] [G loss: 0.320550] [info loss: 1.481657]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 233/469] [D loss: 0.226572] [G loss: 0.288928] [info loss: 1.480488]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 234/469] [D loss: 0.207537] [G loss: 0.314489] [info loss: 1.482134]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 235/469] [D loss: 0.223718] [G loss: 0.316560] [info loss: 1.484010]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 236/469] [D loss: 0.216685] [G loss: 0.335901] [info loss: 1.485201]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 237/469] [D loss: 0.246826] [G loss: 0.278311] [info loss: 1.481446]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 238/469] [D loss: 0.259091] [G loss: 0.261974] [info loss: 1.491751]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 239/469] [D loss: 0.262806] [G loss: 0.280410] [info loss: 1.484108]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 240/469] [D loss: 0.213306] [G loss: 0.313218] [info loss: 1.491839]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 241/469] [D loss: 0.233111] [G loss: 0.301192] [info loss: 1.484735]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 242/469] [D loss: 0.258611] [G loss: 0.263701] [info loss: 1.482489]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 243/469] [D loss: 0.247273] [G loss: 0.271257] [info loss: 1.482928]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 244/469] [D loss: 0.228829] [G loss: 0.297455] [info loss: 1.494230]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 245/469] [D loss: 0.240638] [G loss: 0.254800] [info loss: 1.480312]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 246/469] [D loss: 0.241240] [G loss: 0.304260] [info loss: 1.480978]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]

```



```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 247/469] [D loss: 0.234977] [G loss: 0.303980] [info loss: 1.483096]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 248/469] [D loss: 0.213398] [G loss: 0.316284] [info loss: 1.490356]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 249/469] [D loss: 0.229943] [G loss: 0.316231] [info loss: 1.483817]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 250/469] [D loss: 0.233642] [G loss: 0.274604] [info loss: 1.482611]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 251/469] [D loss: 0.223856] [G loss: 0.323830] [info loss: 1.485055]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 252/469] [D loss: 0.230719] [G loss: 0.324744] [info loss: 1.487592]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 253/469] [D loss: 0.231309] [G loss: 0.353311] [info loss: 1.485630]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 254/469] [D loss: 0.229708] [G loss: 0.280571] [info loss: 1.489752]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 255/469] [D loss: 0.229729] [G loss: 0.305059] [info loss: 1.483035]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 256/469] [D loss: 0.234567] [G loss: 0.300203] [info loss: 1.485087]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 257/469] [D loss: 0.230449] [G loss: 0.331614] [info loss: 1.481088]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 258/469] [D loss: 0.229321] [G loss: 0.317895] [info loss: 1.479854]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 259/469] [D loss: 0.209102] [G loss: 0.272841] [info loss: 1.487036]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 260/469] [D loss: 0.226759] [G loss: 0.321958] [info loss: 1.489867]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 261/469] [D loss: 0.224192] [G loss: 0.332888] [info loss: 1.479920]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 262/469] [D loss: 0.219872] [G loss: 0.314301] [info loss: 1.487522]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 263/469] [D loss: 0.233527] [G loss: 0.260561] [info loss: 1.483480]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 264/469] [D loss: 0.249238] [G loss: 0.327372] [info loss: 1.480282]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 265/469] [D loss: 0.231553] [G loss: 0.313903] [info loss: 1.482538]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 266/469] [D loss: 0.235195] [G loss: 0.343432] [info loss: 1.478422]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 267/469] [D loss: 0.244723] [G loss: 0.305806] [info loss: 1.480197]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 268/469] [D loss: 0.218485] [G loss: 0.305906] [info loss: 1.482286]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 269/469] [D loss: 0.227107] [G loss: 0.294737] [info loss: 1.479291]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 270/469] [D loss: 0.227835] [G loss: 0.309603] [info loss: 1.482044]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 271/469] [D loss: 0.238522] [G loss: 0.262418] [info loss: 1.496231]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 272/469] [D loss: 0.218228] [G loss: 0.290460] [info loss: 1.480880]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 273/469] [D loss: 0.216088] [G loss: 0.307414] [info loss: 1.484397]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 274/469] [D loss: 0.223548] [G loss: 0.317862] [info loss: 1.488940]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 275/469] [D loss: 0.198629] [G loss: 0.282403] [info loss: 1.484325]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 276/469] [D loss: 0.218979] [G loss: 0.283666] [info loss: 1.491589]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 277/469] [D loss: 0.237712] [G loss: 0.242604] [info loss: 1.495874]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 278/469] [D loss: 0.210010] [G loss: 0.375507] [info loss: 1.487754]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 279/469] [D loss: 0.225613] [G loss: 0.329377] [info loss: 1.492197]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 280/469] [D loss: 0.250451] [G loss: 0.286873] [info loss: 1.489591]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 281/469] [D loss: 0.239748] [G loss: 0.282338] [info loss: 1.479590]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 282/469] [D loss: 0.251212] [G loss: 0.268075] [info loss: 1.480827]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 283/469] [D loss: 0.234366] [G loss: 0.289487] [info loss: 1.482477]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 284/469] [D loss: 0.233621] [G loss: 0.330170] [info loss: 1.477535]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 285/469] [D loss: 0.232064] [G loss: 0.293963] [info loss: 1.482236]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 286/469] [D loss: 0.242792] [G loss: 0.312502] [info loss: 1.479072]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 287/469] [D loss: 0.225307] [G loss: 0.285603] [info loss: 1.481445]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 288/469] [D loss: 0.230916] [G loss: 0.276299] [info loss: 1.482098]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 289/469] [D loss: 0.224964] [G loss: 0.296542] [info loss: 1.485358]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 290/469] [D loss: 0.262540] [G loss: 0.311283] [info loss: 1.487727]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 291/469] [D loss: 0.246280] [G loss: 0.292113] [info loss: 1.485076]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 292/469] [D loss: 0.233497] [G loss: 0.331924] [info loss: 1.488049]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 293/469] [D loss: 0.215273] [G loss: 0.317327] [info loss: 1.482448]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 294/469] [D loss: 0.246319] [G loss: 0.312052] [info loss: 1.482748]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 295/469] [D loss: 0.226998] [G loss: 0.313241] [info loss: 1.486706]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 296/469] [D loss: 0.238264] [G loss: 0.288299] [info loss: 1.483613]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 297/469] [D loss: 0.215089] [G loss: 0.326363] [info loss: 1.491566]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 298/469] [D loss: 0.239562] [G loss: 0.268663] [info loss: 1.488530]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 299/469] [D loss: 0.224931] [G loss: 0.336486] [info loss: 1.482559]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 300/469] [D loss: 0.232332] [G loss: 0.277068] [info loss: 1.480241]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 301/469] [D loss: 0.203679] [G loss: 0.332276] [info loss: 1.480987]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 302/469] [D loss: 0.243105] [G loss: 0.297729] [info loss: 1.479733]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 303/469] [D loss: 0.213314] [G loss: 0.312193] [info loss: 1.478928]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 304/469] [D loss: 0.220560] [G loss: 0.359226] [info loss: 1.486077]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 305/469] [D loss: 0.224613] [G loss: 0.316346] [info loss: 1.483494]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 306/469] [D loss: 0.247299] [G loss: 0.279665] [info loss: 1.488014]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 307/469] [D loss: 0.233522] [G loss: 0.281437] [info loss: 1.488182]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 308/469] [D loss: 0.242586] [G loss: 0.265063] [info loss: 1.519509]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]]
[Epoch 1/200] [Batch 309/469] [D loss: 0.241379] [G loss: 0.376684] [info loss: 1.482238]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]]
[Epoch 1/200] [Batch 310/469] [D loss: 0.228298] [G loss: 0.316372] [info loss: 1.497798]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 311/469] [D loss: 0.234373] [G loss: 0.306299] [info loss: 1.483334]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 312/469] [D loss: 0.235573] [G loss: 0.244871] [info loss: 1.488608]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 313/469] [D loss: 0.248538] [G loss: 0.283236] [info loss: 1.485801]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 314/469] [D loss: 0.220815] [G loss: 0.253384] [info loss: 1.479964]

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```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 315/469] [D loss: 0.217061] [G loss: 0.282676] [info loss: 1.499060]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 316/469] [D loss: 0.239738] [G loss: 0.343856] [info loss: 1.487264]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 317/469] [D loss: 0.242366] [G loss: 0.340077] [info loss: 1.484485]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 318/469] [D loss: 0.245768] [G loss: 0.294244] [info loss: 1.482429]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 319/469] [D loss: 0.253693] [G loss: 0.286391] [info loss: 1.481405]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 320/469] [D loss: 0.242694] [G loss: 0.300535] [info loss: 1.485023]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 321/469] [D loss: 0.227747] [G loss: 0.343249] [info loss: 1.494916]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 322/469] [D loss: 0.224930] [G loss: 0.284084] [info loss: 1.487360]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 323/469] [D loss: 0.254496] [G loss: 0.313819] [info loss: 1.495088]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 324/469] [D loss: 0.251893] [G loss: 0.325861] [info loss: 1.492572]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 325/469] [D loss: 0.230589] [G loss: 0.234440] [info loss: 1.484125]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 326/469] [D loss: 0.214678] [G loss: 0.354359] [info loss: 1.480447]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[Epoch 1/200] [Batch 327/469] [D loss: 0.249153] [G loss: 0.289062] [info loss: 1.481875]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 328/469] [D loss: 0.224793] [G loss: 0.298061] [info loss: 1.481377]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 329/469] [D loss: 0.231689] [G loss: 0.325972] [info loss: 1.481660]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 330/469] [D loss: 0.212422] [G loss: 0.379480] [info loss: 1.487459]

```

```

[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 331/469] [D loss: 0.228337] [G loss: 0.327310] [info loss: 1.481372]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 332/469] [D loss: 0.237209] [G loss: 0.235337] [info loss: 1.483510]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 333/469] [D loss: 0.235820] [G loss: 0.270303] [info loss: 1.487889]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 334/469] [D loss: 0.230972] [G loss: 0.316169] [info loss: 1.479908]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 335/469] [D loss: 0.217604] [G loss: 0.320644] [info loss: 1.489257]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 336/469] [D loss: 0.238504] [G loss: 0.339026] [info loss: 1.490604]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 337/469] [D loss: 0.243900] [G loss: 0.276409] [info loss: 1.481513]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 338/469] [D loss: 0.236028] [G loss: 0.311178] [info loss: 1.484924]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 339/469] [D loss: 0.236916] [G loss: 0.312971] [info loss: 1.482695]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 340/469] [D loss: 0.233021] [G loss: 0.369557] [info loss: 1.481233]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 341/469] [D loss: 0.228976] [G loss: 0.286264] [info loss: 1.483949]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 342/469] [D loss: 0.231339] [G loss: 0.340048] [info loss: 1.485926]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 343/469] [D loss: 0.236468] [G loss: 0.267917] [info loss: 1.478420]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 344/469] [D loss: 0.237555] [G loss: 0.311682] [info loss: 1.482679]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 345/469] [D loss: 0.245417] [G loss: 0.278148] [info loss: 1.489877]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 346/469] [D loss: 0.234758] [G loss: 0.278274] [info loss: 1.478551]

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 347/469] [D loss: 0.244112] [G loss: 0.286779] [info loss: 1.480124]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 348/469] [D loss: 0.254543] [G loss: 0.312820] [info loss: 1.484458]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 349/469] [D loss: 0.223060] [G loss: 0.324079] [info loss: 1.480507]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 350/469] [D loss: 0.249039] [G loss: 0.297761] [info loss: 1.481232]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 351/469] [D loss: 0.231780] [G loss: 0.319334] [info loss: 1.483114]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 352/469] [D loss: 0.232382] [G loss: 0.346850] [info loss: 1.483710]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 353/469] [D loss: 0.246662] [G loss: 0.315987] [info loss: 1.483876]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 354/469] [D loss: 0.238806] [G loss: 0.263901] [info loss: 1.486708]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 355/469] [D loss: 0.240431] [G loss: 0.296721] [info loss: 1.485401]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 356/469] [D loss: 0.231849] [G loss: 0.334544] [info loss: 1.478372]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 357/469] [D loss: 0.219155] [G loss: 0.343298] [info loss: 1.490863]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 358/469] [D loss: 0.224926] [G loss: 0.303634] [info loss: 1.486542]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 359/469] [D loss: 0.249879] [G loss: 0.299011] [info loss: 1.483624]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 360/469] [D loss: 0.251502] [G loss: 0.326488] [info loss: 1.482959]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 361/469] [D loss: 0.234396] [G loss: 0.265748] [info loss: 1.491667]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 362/469] [D loss: 0.230625] [G loss: 0.269584] [info loss: 1.479048]

```

```

[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 363/469] [D loss: 0.243356] [G loss: 0.293795] [info loss: 1.485403]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 364/469] [D loss: 0.249065] [G loss: 0.306806] [info loss: 1.479169]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 365/469] [D loss: 0.233175] [G loss: 0.358903] [info loss: 1.477687]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 366/469] [D loss: 0.217875] [G loss: 0.291065] [info loss: 1.482432]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 367/469] [D loss: 0.216469] [G loss: 0.302568] [info loss: 1.479715]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 368/469] [D loss: 0.243711] [G loss: 0.323238] [info loss: 1.479842]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 369/469] [D loss: 0.249368] [G loss: 0.296168] [info loss: 1.484477]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 370/469] [D loss: 0.236734] [G loss: 0.312450] [info loss: 1.483277]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 371/469] [D loss: 0.228516] [G loss: 0.286991] [info loss: 1.485208]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 372/469] [D loss: 0.222326] [G loss: 0.257541] [info loss: 1.486149]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 373/469] [D loss: 0.243853] [G loss: 0.287928] [info loss: 1.482847]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 374/469] [D loss: 0.230103] [G loss: 0.338603] [info loss: 1.480504]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 375/469] [D loss: 0.212241] [G loss: 0.316856] [info loss: 1.488148]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 376/469] [D loss: 0.232861] [G loss: 0.272540] [info loss: 1.489953]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 377/469] [D loss: 0.233952] [G loss: 0.298735] [info loss: 1.481598]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 378/469] [D loss: 0.245852] [G loss: 0.337457] [info loss: 1.478209]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 379/469] [D loss: 0.231085] [G loss: 0.336502] [info loss: 1.487781]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 380/469] [D loss: 0.248651] [G loss: 0.354588] [info loss: 1.477567]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 381/469] [D loss: 0.236002] [G loss: 0.276594] [info loss: 1.479559]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 382/469] [D loss: 0.211157] [G loss: 0.294146] [info loss: 1.479535]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 383/469] [D loss: 0.217545] [G loss: 0.352571] [info loss: 1.478225]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 384/469] [D loss: 0.228075] [G loss: 0.314982] [info loss: 1.477400]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 385/469] [D loss: 0.213902] [G loss: 0.286128] [info loss: 1.485698]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 386/469] [D loss: 0.210402] [G loss: 0.314552] [info loss: 1.479738]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 387/469] [D loss: 0.235809] [G loss: 0.365379] [info loss: 1.484566]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 388/469] [D loss: 0.265246] [G loss: 0.295804] [info loss: 1.482993]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 389/469] [D loss: 0.247192] [G loss: 0.241722] [info loss: 1.485037]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 390/469] [D loss: 0.232725] [G loss: 0.331815] [info loss: 1.479590]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

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[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 391/469] [D loss: 0.217703] [G loss: 0.285402] [info loss: 1.490652]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 392/469] [D loss: 0.236046] [G loss: 0.290084] [info loss: 1.481094]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 393/469] [D loss: 0.228730] [G loss: 0.303376] [info loss: 1.475967]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 394/469] [D loss: 0.218760] [G loss: 0.287298] [info loss: 1.483914]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 395/469] [D loss: 0.237426] [G loss: 0.348565] [info loss: 1.477604]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 396/469] [D loss: 0.240744] [G loss: 0.321701] [info loss: 1.484427]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 397/469] [D loss: 0.248141] [G loss: 0.277985] [info loss: 1.478281]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 398/469] [D loss: 0.254627] [G loss: 0.298536] [info loss: 1.486909]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 399/469] [D loss: 0.237707] [G loss: 0.348244] [info loss: 1.477979]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 400/469] [D loss: 0.237371] [G loss: 0.275464] [info loss: 1.482305]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 401/469] [D loss: 0.222705] [G loss: 0.277082] [info loss: 1.481288]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 402/469] [D loss: 0.224392] [G loss: 0.325882] [info loss: 1.480028]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 403/469] [D loss: 0.231953] [G loss: 0.330981] [info loss: 1.478715]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 404/469] [D loss: 0.251278] [G loss: 0.280409] [info loss: 1.489987]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 405/469] [D loss: 0.242164] [G loss: 0.321006] [info loss: 1.498789]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 406/469] [D loss: 0.230967] [G loss: 0.325138] [info loss: 1.484972]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 407/469] [D loss: 0.235316] [G loss: 0.296169] [info loss: 1.484401]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 408/469] [D loss: 0.236353] [G loss: 0.306575] [info loss: 1.482225]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 409/469] [D loss: 0.221062] [G loss: 0.281521] [info loss: 1.502405]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 410/469] [D loss: 0.236319] [G loss: 0.306968] [info loss: 1.480549]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 411/469] [D loss: 0.234464] [G loss: 0.302350] [info loss: 1.479685]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 412/469] [D loss: 0.234559] [G loss: 0.274158] [info loss: 1.483689]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 413/469] [D loss: 0.248409] [G loss: 0.269965] [info loss: 1.503082]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 414/469] [D loss: 0.251309] [G loss: 0.304444] [info loss: 1.500322]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 415/469] [D loss: 0.235392] [G loss: 0.353627] [info loss: 1.481993]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 416/469] [D loss: 0.228837] [G loss: 0.256306] [info loss: 1.496355]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 417/469] [D loss: 0.216340] [G loss: 0.320592] [info loss: 1.478470]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 418/469] [D loss: 0.237105] [G loss: 0.353518] [info loss: 1.481324]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 419/469] [D loss: 0.234638] [G loss: 0.319909] [info loss: 1.480001]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 420/469] [D loss: 0.231543] [G loss: 0.276548] [info loss: 1.484966]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 421/469] [D loss: 0.238968] [G loss: 0.326221] [info loss: 1.483498]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 422/469] [D loss: 0.259842] [G loss: 0.327184] [info loss: 1.478266]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 423/469] [D loss: 0.259768] [G loss: 0.380103] [info loss: 1.484294]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 424/469] [D loss: 0.227531] [G loss: 0.266766] [info loss: 1.484410]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 425/469] [D loss: 0.238566] [G loss: 0.266853] [info loss: 1.478582]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 426/469] [D loss: 0.233540] [G loss: 0.294112] [info loss: 1.487453]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 427/469] [D loss: 0.243257] [G loss: 0.336562] [info loss: 1.477946]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 428/469] [D loss: 0.232583] [G loss: 0.328853] [info loss: 1.486100]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 429/469] [D loss: 0.238653] [G loss: 0.270469] [info loss: 1.482817]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 430/469] [D loss: 0.240888] [G loss: 0.264638] [info loss: 1.484298]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 431/469] [D loss: 0.229483] [G loss: 0.286699] [info loss: 1.475522]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 432/469] [D loss: 0.232260] [G loss: 0.294843] [info loss: 1.480091]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 433/469] [D loss: 0.235895] [G loss: 0.286723] [info loss: 1.483827]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 434/469] [D loss: 0.245940] [G loss: 0.300998] [info loss: 1.477785]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 435/469] [D loss: 0.234996] [G loss: 0.353407] [info loss: 1.490112]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 436/469] [D loss: 0.223798] [G loss: 0.332034] [info loss: 1.479051]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 437/469] [D loss: 0.242214] [G loss: 0.294664] [info loss: 1.475690]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 438/469] [D loss: 0.223228] [G loss: 0.336945] [info loss: 1.488325]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 439/469] [D loss: 0.213123] [G loss: 0.325050] [info loss: 1.477886]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 440/469] [D loss: 0.243205] [G loss: 0.346428] [info loss: 1.482796]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 441/469] [D loss: 0.248255] [G loss: 0.267656] [info loss: 1.479150]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 442/469] [D loss: 0.242679] [G loss: 0.275519] [info loss: 1.486274]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 443/469] [D loss: 0.225379] [G loss: 0.256215] [info loss: 1.481047]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 444/469] [D loss: 0.240834] [G loss: 0.354031] [info loss: 1.479240]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 445/469] [D loss: 0.239138] [G loss: 0.299626] [info loss: 1.484445]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 446/469] [D loss: 0.233508] [G loss: 0.286234] [info loss: 1.480520]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 447/469] [D loss: 0.246640] [G loss: 0.300645] [info loss: 1.487987]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 448/469] [D loss: 0.228802] [G loss: 0.253117] [info loss: 1.483441]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 449/469] [D loss: 0.240934] [G loss: 0.321152] [info loss: 1.480406]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 450/469] [D loss: 0.242015] [G loss: 0.335876] [info loss: 1.479278]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 451/469] [D loss: 0.233691] [G loss: 0.301980] [info loss: 1.482554]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 452/469] [D loss: 0.254160] [G loss: 0.323843] [info loss: 1.486702]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 453/469] [D loss: 0.235739] [G loss: 0.312013] [info loss: 1.482388]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 454/469] [D loss: 0.228126] [G loss: 0.291872] [info loss: 1.481954]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 455/469] [D loss: 0.242362] [G loss: 0.353055] [info loss: 1.480890]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 456/469] [D loss: 0.208908] [G loss: 0.315339] [info loss: 1.479490]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 1/200] [Batch 457/469] [D loss: 0.236396] [G loss: 0.274446] [info loss: 1.474851]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 458/469] [D loss: 0.210216] [G loss: 0.325887] [info loss: 1.477649]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 459/469] [D loss: 0.225538] [G loss: 0.359950] [info loss: 1.482223]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 460/469] [D loss: 0.254311] [G loss: 0.299891] [info loss: 1.488340]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 461/469] [D loss: 0.226069] [G loss: 0.283220] [info loss: 1.479543]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 1/200] [Batch 462/469] [D loss: 0.223367] [G loss: 0.311051] [info loss: 1.487300]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 463/469] [D loss: 0.247328] [G loss: 0.306712] [info loss: 1.500300]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 464/469] [D loss: 0.241018] [G loss: 0.329693] [info loss: 1.482863]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 1/200] [Batch 465/469] [D loss: 0.232879] [G loss: 0.284033] [info loss: 1.486457]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 466/469] [D loss: 0.226098] [G loss: 0.247019] [info loss: 1.484144]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 1/200] [Batch 467/469] [D loss: 0.237982] [G loss: 0.324605] [info loss: 1.479699]
[[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]

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```

[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]

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```

[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]

```

```

[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]

```



```

[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]]
[Epoch 1/200] [Batch 468/469] [D loss: 0.226134] [G loss: 0.299037] [info loss: 1.480347]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 0/469] [D loss: 0.216340] [G loss: 0.279095] [info loss: 1.482968]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 1/469] [D loss: 0.228754] [G loss: 0.303009] [info loss: 1.495096]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 2/469] [D loss: 0.219517] [G loss: 0.339138] [info loss: 1.481359]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 3/469] [D loss: 0.224417] [G loss: 0.350730] [info loss: 1.476353]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 4/469] [D loss: 0.231810] [G loss: 0.325792] [info loss: 1.479463]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 5/469] [D loss: 0.215130] [G loss: 0.276890] [info loss: 1.480464]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]

```

```

[Epoch 2/200] [Batch 6/469] [D loss: 0.265377] [G loss: 0.327283] [info loss: 1.481761]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 7/469] [D loss: 0.245852] [G loss: 0.276221] [info loss: 1.477225]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 8/469] [D loss: 0.234462] [G loss: 0.269375] [info loss: 1.478914]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 9/469] [D loss: 0.220923] [G loss: 0.321192] [info loss: 1.478256]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 10/469] [D loss: 0.240966] [G loss: 0.296762] [info loss: 1.478138]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 11/469] [D loss: 0.236105] [G loss: 0.273637] [info loss: 1.479616]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 12/469] [D loss: 0.253072] [G loss: 0.260761] [info loss: 1.477353]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 13/469] [D loss: 0.258039] [G loss: 0.332803] [info loss: 1.475924]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 14/469] [D loss: 0.250862] [G loss: 0.306753] [info loss: 1.478308]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 15/469] [D loss: 0.222815] [G loss: 0.301683] [info loss: 1.475918]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 16/469] [D loss: 0.203136] [G loss: 0.327782] [info loss: 1.474561]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 17/469] [D loss: 0.221696] [G loss: 0.315295] [info loss: 1.477198]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 18/469] [D loss: 0.247214] [G loss: 0.323776] [info loss: 1.477717]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 19/469] [D loss: 0.235366] [G loss: 0.281321] [info loss: 1.480551]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 20/469] [D loss: 0.221519] [G loss: 0.274477] [info loss: 1.477753]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 21/469] [D loss: 0.245414] [G loss: 0.319797] [info loss: 1.481217]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```



```

[Epoch 2/200] [Batch 22/469] [D loss: 0.208579] [G loss: 0.294671] [info loss: 1.480729]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 23/469] [D loss: 0.211507] [G loss: 0.355957] [info loss: 1.478204]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 24/469] [D loss: 0.244088] [G loss: 0.243419] [info loss: 1.480197]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 25/469] [D loss: 0.230965] [G loss: 0.286232] [info loss: 1.477306]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 26/469] [D loss: 0.232603] [G loss: 0.257070] [info loss: 1.482033]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 27/469] [D loss: 0.214767] [G loss: 0.310513] [info loss: 1.476513]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 28/469] [D loss: 0.226678] [G loss: 0.254535] [info loss: 1.476262]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 29/469] [D loss: 0.236428] [G loss: 0.301862] [info loss: 1.479582]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 30/469] [D loss: 0.222164] [G loss: 0.233320] [info loss: 1.481989]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 31/469] [D loss: 0.256274] [G loss: 0.304818] [info loss: 1.477275]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 32/469] [D loss: 0.236458] [G loss: 0.288993] [info loss: 1.475964]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 33/469] [D loss: 0.256632] [G loss: 0.326342] [info loss: 1.480268]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 34/469] [D loss: 0.234111] [G loss: 0.288199] [info loss: 1.474424]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 35/469] [D loss: 0.237824] [G loss: 0.313395] [info loss: 1.479751]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 36/469] [D loss: 0.241679] [G loss: 0.340442] [info loss: 1.481425]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 37/469] [D loss: 0.224841] [G loss: 0.362423] [info loss: 1.484013]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

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[Epoch 2/200] [Batch 38/469] [D loss: 0.240098] [G loss: 0.347998] [info loss: 1.479874]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 39/469] [D loss: 0.235502] [G loss: 0.283953] [info loss: 1.486148]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 40/469] [D loss: 0.249285] [G loss: 0.274326] [info loss: 1.478730]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 41/469] [D loss: 0.243277] [G loss: 0.294815] [info loss: 1.485950]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 42/469] [D loss: 0.243969] [G loss: 0.300575] [info loss: 1.490144]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 43/469] [D loss: 0.227272] [G loss: 0.294115] [info loss: 1.480474]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 44/469] [D loss: 0.231045] [G loss: 0.293556] [info loss: 1.479889]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 45/469] [D loss: 0.229271] [G loss: 0.270267] [info loss: 1.483907]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 46/469] [D loss: 0.216736] [G loss: 0.343986] [info loss: 1.476554]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 47/469] [D loss: 0.245134] [G loss: 0.302953] [info loss: 1.476198]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 48/469] [D loss: 0.247838] [G loss: 0.318207] [info loss: 1.476452]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 49/469] [D loss: 0.235146] [G loss: 0.311548] [info loss: 1.477534]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 50/469] [D loss: 0.238901] [G loss: 0.351324] [info loss: 1.479246]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 51/469] [D loss: 0.246801] [G loss: 0.271885] [info loss: 1.482819]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 52/469] [D loss: 0.232266] [G loss: 0.282287] [info loss: 1.478879]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 53/469] [D loss: 0.221581] [G loss: 0.236543] [info loss: 1.479363]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 54/469] [D loss: 0.236781] [G loss: 0.316731] [info loss: 1.482217]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 55/469] [D loss: 0.253884] [G loss: 0.382114] [info loss: 1.483305]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 56/469] [D loss: 0.224425] [G loss: 0.274331] [info loss: 1.483552]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 57/469] [D loss: 0.223023] [G loss: 0.266250] [info loss: 1.481868]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 58/469] [D loss: 0.218594] [G loss: 0.309570] [info loss: 1.477323]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 59/469] [D loss: 0.228861] [G loss: 0.288804] [info loss: 1.480047]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 60/469] [D loss: 0.232596] [G loss: 0.308892] [info loss: 1.480214]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 61/469] [D loss: 0.235540] [G loss: 0.285178] [info loss: 1.479601]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 62/469] [D loss: 0.239960] [G loss: 0.298405] [info loss: 1.479180]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 63/469] [D loss: 0.228932] [G loss: 0.292096] [info loss: 1.482061]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 64/469] [D loss: 0.229601] [G loss: 0.317159] [info loss: 1.476542]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 65/469] [D loss: 0.241378] [G loss: 0.324685] [info loss: 1.475762]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 66/469] [D loss: 0.219573] [G loss: 0.319837] [info loss: 1.478253]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 67/469] [D loss: 0.228245] [G loss: 0.306340] [info loss: 1.475722]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 68/469] [D loss: 0.214257] [G loss: 0.290711] [info loss: 1.479332]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 69/469] [D loss: 0.238374] [G loss: 0.290327] [info loss: 1.477720]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]

```

```

[Epoch 2/200] [Batch 70/469] [D loss: 0.245702] [G loss: 0.260110] [info loss: 1.478535]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 71/469] [D loss: 0.224081] [G loss: 0.326227] [info loss: 1.475732]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 72/469] [D loss: 0.240145] [G loss: 0.287338] [info loss: 1.479292]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 73/469] [D loss: 0.214199] [G loss: 0.323803] [info loss: 1.482315]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 74/469] [D loss: 0.237740] [G loss: 0.261905] [info loss: 1.478953]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 75/469] [D loss: 0.251282] [G loss: 0.274068] [info loss: 1.476780]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 76/469] [D loss: 0.230537] [G loss: 0.296109] [info loss: 1.480223]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 77/469] [D loss: 0.219749] [G loss: 0.261958] [info loss: 1.488146]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 78/469] [D loss: 0.249371] [G loss: 0.309222] [info loss: 1.483141]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 79/469] [D loss: 0.230571] [G loss: 0.305257] [info loss: 1.481519]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 80/469] [D loss: 0.235489] [G loss: 0.326874] [info loss: 1.476054]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 81/469] [D loss: 0.251389] [G loss: 0.323806] [info loss: 1.478294]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 82/469] [D loss: 0.225596] [G loss: 0.346015] [info loss: 1.482989]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 83/469] [D loss: 0.257159] [G loss: 0.286914] [info loss: 1.474359]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 84/469] [D loss: 0.236036] [G loss: 0.359040] [info loss: 1.478428]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 85/469] [D loss: 0.205147] [G loss: 0.301890] [info loss: 1.475613]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 86/469] [D loss: 0.231968] [G loss: 0.331348] [info loss: 1.481065]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 87/469] [D loss: 0.250892] [G loss: 0.281002] [info loss: 1.484723]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 88/469] [D loss: 0.269422] [G loss: 0.233128] [info loss: 1.482399]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 89/469] [D loss: 0.215211] [G loss: 0.266613] [info loss: 1.478948]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 90/469] [D loss: 0.227445] [G loss: 0.317123] [info loss: 1.479546]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 91/469] [D loss: 0.234681] [G loss: 0.326442] [info loss: 1.486523]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 92/469] [D loss: 0.234287] [G loss: 0.306249] [info loss: 1.476133]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 93/469] [D loss: 0.230583] [G loss: 0.302198] [info loss: 1.485711]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 94/469] [D loss: 0.231805] [G loss: 0.263427] [info loss: 1.476689]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 95/469] [D loss: 0.213606] [G loss: 0.316145] [info loss: 1.475945]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 96/469] [D loss: 0.257755] [G loss: 0.316613] [info loss: 1.479548]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 97/469] [D loss: 0.223777] [G loss: 0.364872] [info loss: 1.477133]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 98/469] [D loss: 0.211962] [G loss: 0.290210] [info loss: 1.475932]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 99/469] [D loss: 0.213110] [G loss: 0.343939] [info loss: 1.475258]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 100/469] [D loss: 0.224839] [G loss: 0.353945] [info loss: 1.476261]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 101/469] [D loss: 0.226322] [G loss: 0.277840] [info loss: 1.483755]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

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[Epoch 2/200] [Batch 102/469] [D loss: 0.237210] [G loss: 0.282590] [info loss: 1.478280]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 103/469] [D loss: 0.244115] [G loss: 0.306703] [info loss: 1.485804]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 104/469] [D loss: 0.233381] [G loss: 0.308645] [info loss: 1.479804]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 105/469] [D loss: 0.262809] [G loss: 0.297276] [info loss: 1.488115]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 106/469] [D loss: 0.226384] [G loss: 0.302004] [info loss: 1.484175]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 107/469] [D loss: 0.204818] [G loss: 0.284518] [info loss: 1.486484]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 108/469] [D loss: 0.232680] [G loss: 0.281167] [info loss: 1.475982]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 109/469] [D loss: 0.226871] [G loss: 0.305710] [info loss: 1.480969]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 110/469] [D loss: 0.232515] [G loss: 0.305789] [info loss: 1.500927]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 111/469] [D loss: 0.251944] [G loss: 0.278444] [info loss: 1.482941]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 112/469] [D loss: 0.243547] [G loss: 0.328084] [info loss: 1.479609]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 113/469] [D loss: 0.223277] [G loss: 0.298566] [info loss: 1.478788]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 114/469] [D loss: 0.228275] [G loss: 0.261447] [info loss: 1.475630]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 115/469] [D loss: 0.236144] [G loss: 0.312772] [info loss: 1.480089]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 116/469] [D loss: 0.233822] [G loss: 0.295634] [info loss: 1.475057]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 117/469] [D loss: 0.215069] [G loss: 0.312214] [info loss: 1.477008]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 2/200] [Batch 118/469] [D loss: 0.234302] [G loss: 0.344712] [info loss: 1.476544]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 119/469] [D loss: 0.235055] [G loss: 0.281160] [info loss: 1.483358]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 120/469] [D loss: 0.225779] [G loss: 0.285684] [info loss: 1.478659]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 121/469] [D loss: 0.215162] [G loss: 0.295540] [info loss: 1.490538]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 122/469] [D loss: 0.240353] [G loss: 0.332492] [info loss: 1.481084]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 123/469] [D loss: 0.235782] [G loss: 0.305794] [info loss: 1.476160]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 124/469] [D loss: 0.231736] [G loss: 0.301513] [info loss: 1.476674]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 125/469] [D loss: 0.236691] [G loss: 0.275548] [info loss: 1.478453]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 126/469] [D loss: 0.230630] [G loss: 0.274139] [info loss: 1.478490]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 127/469] [D loss: 0.239959] [G loss: 0.315126] [info loss: 1.474812]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 128/469] [D loss: 0.242173] [G loss: 0.330524] [info loss: 1.476548]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 129/469] [D loss: 0.254147] [G loss: 0.311414] [info loss: 1.473937]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 130/469] [D loss: 0.238885] [G loss: 0.300138] [info loss: 1.473017]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 131/469] [D loss: 0.242623] [G loss: 0.326051] [info loss: 1.475331]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 132/469] [D loss: 0.225185] [G loss: 0.323783] [info loss: 1.475563]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 133/469] [D loss: 0.257865] [G loss: 0.367717] [info loss: 1.475189]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 134/469] [D loss: 0.248080] [G loss: 0.287245] [info loss: 1.482898]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 135/469] [D loss: 0.252292] [G loss: 0.247767] [info loss: 1.479103]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 136/469] [D loss: 0.227688] [G loss: 0.272665] [info loss: 1.475397]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 137/469] [D loss: 0.230813] [G loss: 0.328330] [info loss: 1.487030]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 138/469] [D loss: 0.229534] [G loss: 0.297852] [info loss: 1.477968]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 139/469] [D loss: 0.270687] [G loss: 0.273987] [info loss: 1.474423]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 140/469] [D loss: 0.231252] [G loss: 0.274608] [info loss: 1.481326]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 141/469] [D loss: 0.234655] [G loss: 0.363992] [info loss: 1.476411]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 142/469] [D loss: 0.226200] [G loss: 0.331745] [info loss: 1.475152]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 143/469] [D loss: 0.240067] [G loss: 0.255627] [info loss: 1.474639]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 144/469] [D loss: 0.233598] [G loss: 0.267739] [info loss: 1.480334]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 145/469] [D loss: 0.220272] [G loss: 0.334097] [info loss: 1.485480]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 146/469] [D loss: 0.223023] [G loss: 0.388084] [info loss: 1.479910]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 147/469] [D loss: 0.211826] [G loss: 0.278635] [info loss: 1.476950]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 148/469] [D loss: 0.218815] [G loss: 0.351308] [info loss: 1.473513]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 149/469] [D loss: 0.211651] [G loss: 0.326699] [info loss: 1.478273]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]

```



```

[Epoch 2/200] [Batch 150/469] [D loss: 0.237456] [G loss: 0.264762] [info loss: 1.475848]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 151/469] [D loss: 0.233477] [G loss: 0.328424] [info loss: 1.474568]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 152/469] [D loss: 0.244215] [G loss: 0.323866] [info loss: 1.479516]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 153/469] [D loss: 0.228648] [G loss: 0.276166] [info loss: 1.474642]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 154/469] [D loss: 0.239622] [G loss: 0.302545] [info loss: 1.474209]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 155/469] [D loss: 0.249144] [G loss: 0.308269] [info loss: 1.471432]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 156/469] [D loss: 0.253057] [G loss: 0.312132] [info loss: 1.478883]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 157/469] [D loss: 0.213831] [G loss: 0.330852] [info loss: 1.476130]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 158/469] [D loss: 0.227793] [G loss: 0.298860] [info loss: 1.475964]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 159/469] [D loss: 0.242758] [G loss: 0.250958] [info loss: 1.475541]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 160/469] [D loss: 0.234728] [G loss: 0.264225] [info loss: 1.476530]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 161/469] [D loss: 0.254177] [G loss: 0.304135] [info loss: 1.475132]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 162/469] [D loss: 0.225380] [G loss: 0.388637] [info loss: 1.474864]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 163/469] [D loss: 0.210003] [G loss: 0.315717] [info loss: 1.474085]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 164/469] [D loss: 0.237344] [G loss: 0.336465] [info loss: 1.479886]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 165/469] [D loss: 0.193010] [G loss: 0.345103] [info loss: 1.478002]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 166/469] [D loss: 0.223778] [G loss: 0.322027] [info loss: 1.479018]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 167/469] [D loss: 0.232423] [G loss: 0.274165] [info loss: 1.477724]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 168/469] [D loss: 0.216986] [G loss: 0.276906] [info loss: 1.474566]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 169/469] [D loss: 0.219608] [G loss: 0.299338] [info loss: 1.477768]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 170/469] [D loss: 0.241322] [G loss: 0.370350] [info loss: 1.474523]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 171/469] [D loss: 0.243625] [G loss: 0.333136] [info loss: 1.475298]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 172/469] [D loss: 0.229660] [G loss: 0.303746] [info loss: 1.485411]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 173/469] [D loss: 0.220783] [G loss: 0.301957] [info loss: 1.477145]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 174/469] [D loss: 0.233458] [G loss: 0.266223] [info loss: 1.476615]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 175/469] [D loss: 0.247315] [G loss: 0.322601] [info loss: 1.479045]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 176/469] [D loss: 0.214782] [G loss: 0.339350] [info loss: 1.475483]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 177/469] [D loss: 0.235011] [G loss: 0.296026] [info loss: 1.477798]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 178/469] [D loss: 0.224409] [G loss: 0.298022] [info loss: 1.477222]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 179/469] [D loss: 0.228801] [G loss: 0.265647] [info loss: 1.474535]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 180/469] [D loss: 0.237905] [G loss: 0.279476] [info loss: 1.486722]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 181/469] [D loss: 0.227994] [G loss: 0.264598] [info loss: 1.475956]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 182/469] [D loss: 0.229761] [G loss: 0.321696] [info loss: 1.480327]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 183/469] [D loss: 0.244402] [G loss: 0.319630] [info loss: 1.476574]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 184/469] [D loss: 0.237832] [G loss: 0.295827] [info loss: 1.476799]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 185/469] [D loss: 0.230344] [G loss: 0.251234] [info loss: 1.478713]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 186/469] [D loss: 0.242430] [G loss: 0.250189] [info loss: 1.477243]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 187/469] [D loss: 0.250389] [G loss: 0.319403] [info loss: 1.476736]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 188/469] [D loss: 0.214684] [G loss: 0.345448] [info loss: 1.473248]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 189/469] [D loss: 0.225744] [G loss: 0.289921] [info loss: 1.476875]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 190/469] [D loss: 0.209987] [G loss: 0.287854] [info loss: 1.486252]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 191/469] [D loss: 0.230577] [G loss: 0.333422] [info loss: 1.477415]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 192/469] [D loss: 0.240396] [G loss: 0.314118] [info loss: 1.477592]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 193/469] [D loss: 0.235311] [G loss: 0.315956] [info loss: 1.477231]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 194/469] [D loss: 0.231880] [G loss: 0.318898] [info loss: 1.477783]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 195/469] [D loss: 0.223337] [G loss: 0.301236] [info loss: 1.480407]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 196/469] [D loss: 0.235349] [G loss: 0.345326] [info loss: 1.480380]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 197/469] [D loss: 0.252526] [G loss: 0.286971] [info loss: 1.476043]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 198/469] [D loss: 0.232589] [G loss: 0.248589] [info loss: 1.472810]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 199/469] [D loss: 0.219088] [G loss: 0.314206] [info loss: 1.480914]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 200/469] [D loss: 0.226940] [G loss: 0.322728] [info loss: 1.476612]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 201/469] [D loss: 0.222737] [G loss: 0.299872] [info loss: 1.478047]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 202/469] [D loss: 0.209306] [G loss: 0.326500] [info loss: 1.479353]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 203/469] [D loss: 0.226706] [G loss: 0.336679] [info loss: 1.475480]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 204/469] [D loss: 0.216429] [G loss: 0.295648] [info loss: 1.474864]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 205/469] [D loss: 0.221849] [G loss: 0.296946] [info loss: 1.478473]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 206/469] [D loss: 0.214875] [G loss: 0.310367] [info loss: 1.477318]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 207/469] [D loss: 0.234816] [G loss: 0.295334] [info loss: 1.475281]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 208/469] [D loss: 0.212573] [G loss: 0.317214] [info loss: 1.475933]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 209/469] [D loss: 0.214862] [G loss: 0.312381] [info loss: 1.478861]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 210/469] [D loss: 0.229005] [G loss: 0.330678] [info loss: 1.476329]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 211/469] [D loss: 0.245915] [G loss: 0.349627] [info loss: 1.475270]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 212/469] [D loss: 0.234425] [G loss: 0.266194] [info loss: 1.476125]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 213/469] [D loss: 0.220508] [G loss: 0.292094] [info loss: 1.474507]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 214/469] [D loss: 0.223982] [G loss: 0.322410] [info loss: 1.478821]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 215/469] [D loss: 0.219657] [G loss: 0.314959] [info loss: 1.474797]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 216/469] [D loss: 0.219419] [G loss: 0.302430] [info loss: 1.476857]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 217/469] [D loss: 0.222413] [G loss: 0.353284] [info loss: 1.474866]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 218/469] [D loss: 0.227231] [G loss: 0.363809] [info loss: 1.476200]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 219/469] [D loss: 0.241308] [G loss: 0.297794] [info loss: 1.475364]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 220/469] [D loss: 0.213131] [G loss: 0.328533] [info loss: 1.474634]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 221/469] [D loss: 0.201056] [G loss: 0.310989] [info loss: 1.476493]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 222/469] [D loss: 0.212297] [G loss: 0.320512] [info loss: 1.472443]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 223/469] [D loss: 0.232849] [G loss: 0.267658] [info loss: 1.475872]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 224/469] [D loss: 0.237969] [G loss: 0.313270] [info loss: 1.475283]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 225/469] [D loss: 0.220364] [G loss: 0.315446] [info loss: 1.477240]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 226/469] [D loss: 0.228906] [G loss: 0.344114] [info loss: 1.480457]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```



```

[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 227/469] [D loss: 0.243260] [G loss: 0.285677] [info loss: 1.477449]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 228/469] [D loss: 0.238770] [G loss: 0.313707] [info loss: 1.479082]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 229/469] [D loss: 0.217603] [G loss: 0.301744] [info loss: 1.478520]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]

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```

[Epoch 2/200] [Batch 230/469] [D loss: 0.218290] [G loss: 0.347179] [info loss: 1.482725]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 231/469] [D loss: 0.250370] [G loss: 0.306201] [info loss: 1.477886]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 232/469] [D loss: 0.239208] [G loss: 0.255702] [info loss: 1.477536]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 233/469] [D loss: 0.239061] [G loss: 0.267284] [info loss: 1.478363]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 234/469] [D loss: 0.213118] [G loss: 0.331419] [info loss: 1.480097]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 235/469] [D loss: 0.234888] [G loss: 0.321686] [info loss: 1.475894]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 236/469] [D loss: 0.236250] [G loss: 0.325912] [info loss: 1.474131]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 237/469] [D loss: 0.209817] [G loss: 0.286804] [info loss: 1.477199]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 238/469] [D loss: 0.247993] [G loss: 0.278406] [info loss: 1.473144]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 239/469] [D loss: 0.225928] [G loss: 0.313330] [info loss: 1.474301]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 240/469] [D loss: 0.229226] [G loss: 0.303145] [info loss: 1.472315]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 241/469] [D loss: 0.222814] [G loss: 0.320940] [info loss: 1.473248]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 242/469] [D loss: 0.243454] [G loss: 0.292705] [info loss: 1.475304]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 243/469] [D loss: 0.254358] [G loss: 0.369521] [info loss: 1.479382]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 244/469] [D loss: 0.238117] [G loss: 0.337114] [info loss: 1.482842]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 245/469] [D loss: 0.238016] [G loss: 0.272248] [info loss: 1.478942]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]

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```

[Epoch 2/200] [Batch 246/469] [D loss: 0.247041] [G loss: 0.258905] [info loss: 1.484570]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 247/469] [D loss: 0.259148] [G loss: 0.334026] [info loss: 1.478693]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 248/469] [D loss: 0.209184] [G loss: 0.306613] [info loss: 1.476118]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 249/469] [D loss: 0.220137] [G loss: 0.269267] [info loss: 1.478748]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 250/469] [D loss: 0.227676] [G loss: 0.337126] [info loss: 1.475281]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 251/469] [D loss: 0.220834] [G loss: 0.313439] [info loss: 1.478328]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 252/469] [D loss: 0.227861] [G loss: 0.296585] [info loss: 1.481619]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 253/469] [D loss: 0.217296] [G loss: 0.304102] [info loss: 1.481891]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 254/469] [D loss: 0.228876] [G loss: 0.273727] [info loss: 1.474951]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 255/469] [D loss: 0.239284] [G loss: 0.304805] [info loss: 1.482800]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 256/469] [D loss: 0.259703] [G loss: 0.303375] [info loss: 1.473498]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 257/469] [D loss: 0.234265] [G loss: 0.277824] [info loss: 1.475187]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 258/469] [D loss: 0.239022] [G loss: 0.319102] [info loss: 1.477039]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 259/469] [D loss: 0.190201] [G loss: 0.295970] [info loss: 1.478644]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 260/469] [D loss: 0.224715] [G loss: 0.320808] [info loss: 1.489486]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 261/469] [D loss: 0.212619] [G loss: 0.315129] [info loss: 1.477005]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 262/469] [D loss: 0.224632] [G loss: 0.257319] [info loss: 1.479320]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 263/469] [D loss: 0.245467] [G loss: 0.319169] [info loss: 1.473434]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 264/469] [D loss: 0.229708] [G loss: 0.293340] [info loss: 1.476665]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 265/469] [D loss: 0.222542] [G loss: 0.347378] [info loss: 1.476316]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 266/469] [D loss: 0.233679] [G loss: 0.302267] [info loss: 1.475006]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 267/469] [D loss: 0.230096] [G loss: 0.297381] [info loss: 1.474904]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 268/469] [D loss: 0.242621] [G loss: 0.287444] [info loss: 1.478336]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 269/469] [D loss: 0.226683] [G loss: 0.286671] [info loss: 1.474986]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 270/469] [D loss: 0.221520] [G loss: 0.318318] [info loss: 1.480771]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 271/469] [D loss: 0.226875] [G loss: 0.301878] [info loss: 1.476421]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 272/469] [D loss: 0.239849] [G loss: 0.338821] [info loss: 1.472733]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 273/469] [D loss: 0.228352] [G loss: 0.306663] [info loss: 1.476729]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 274/469] [D loss: 0.232519] [G loss: 0.329325] [info loss: 1.475572]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 275/469] [D loss: 0.240964] [G loss: 0.261226] [info loss: 1.476211]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 276/469] [D loss: 0.229608] [G loss: 0.267048] [info loss: 1.476683]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 277/469] [D loss: 0.228582] [G loss: 0.245861] [info loss: 1.475463]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```



```

[Epoch 2/200] [Batch 278/469] [D loss: 0.238937] [G loss: 0.348178] [info loss: 1.476179]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 279/469] [D loss: 0.242007] [G loss: 0.348481] [info loss: 1.475059]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 280/469] [D loss: 0.252503] [G loss: 0.320045] [info loss: 1.470908]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 281/469] [D loss: 0.225581] [G loss: 0.267887] [info loss: 1.480920]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 282/469] [D loss: 0.236166] [G loss: 0.305606] [info loss: 1.474208]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 283/469] [D loss: 0.262732] [G loss: 0.309411] [info loss: 1.482807]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 284/469] [D loss: 0.237180] [G loss: 0.269675] [info loss: 1.475733]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 285/469] [D loss: 0.239824] [G loss: 0.224753] [info loss: 1.481461]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 286/469] [D loss: 0.258927] [G loss: 0.314581] [info loss: 1.476536]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 287/469] [D loss: 0.233740] [G loss: 0.343943] [info loss: 1.477086]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 288/469] [D loss: 0.231833] [G loss: 0.277494] [info loss: 1.477436]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 289/469] [D loss: 0.227094] [G loss: 0.258725] [info loss: 1.476874]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 290/469] [D loss: 0.227385] [G loss: 0.249125] [info loss: 1.475204]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 291/469] [D loss: 0.221935] [G loss: 0.292701] [info loss: 1.474195]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 292/469] [D loss: 0.240020] [G loss: 0.356896] [info loss: 1.474619]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 293/469] [D loss: 0.230168] [G loss: 0.348859] [info loss: 1.478432]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]

```

```

[Epoch 2/200] [Batch 294/469] [D loss: 0.229361] [G loss: 0.341179] [info loss: 1.481594]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 295/469] [D loss: 0.234254] [G loss: 0.307968] [info loss: 1.473864]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 296/469] [D loss: 0.242475] [G loss: 0.329973] [info loss: 1.474770]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 297/469] [D loss: 0.250555] [G loss: 0.313194] [info loss: 1.477406]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 298/469] [D loss: 0.235875] [G loss: 0.281253] [info loss: 1.483122]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 299/469] [D loss: 0.230228] [G loss: 0.287138] [info loss: 1.475014]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 300/469] [D loss: 0.251697] [G loss: 0.294369] [info loss: 1.488927]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 301/469] [D loss: 0.217943] [G loss: 0.326005] [info loss: 1.477790]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 302/469] [D loss: 0.235276] [G loss: 0.261837] [info loss: 1.483936]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 303/469] [D loss: 0.237451] [G loss: 0.329605] [info loss: 1.476420]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 304/469] [D loss: 0.261098] [G loss: 0.274636] [info loss: 1.481642]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 305/469] [D loss: 0.236098] [G loss: 0.290749] [info loss: 1.482581]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 306/469] [D loss: 0.227795] [G loss: 0.263520] [info loss: 1.480165]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

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```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 307/469] [D loss: 0.231461] [G loss: 0.278012] [info loss: 1.477105]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 308/469] [D loss: 0.218634] [G loss: 0.314427] [info loss: 1.484013]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 309/469] [D loss: 0.219495] [G loss: 0.335898] [info loss: 1.492161]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

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[Epoch 2/200] [Batch 310/469] [D loss: 0.211392] [G loss: 0.311226] [info loss: 1.478928]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 311/469] [D loss: 0.233221] [G loss: 0.296979] [info loss: 1.484689]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 312/469] [D loss: 0.200550] [G loss: 0.259987] [info loss: 1.475901]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 313/469] [D loss: 0.227434] [G loss: 0.276361] [info loss: 1.477346]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 314/469] [D loss: 0.229786] [G loss: 0.332737] [info loss: 1.478119]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 315/469] [D loss: 0.222037] [G loss: 0.308533] [info loss: 1.477746]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 316/469] [D loss: 0.239259] [G loss: 0.311443] [info loss: 1.501455]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 317/469] [D loss: 0.229496] [G loss: 0.313718] [info loss: 1.476391]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 318/469] [D loss: 0.248240] [G loss: 0.311788] [info loss: 1.477533]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 319/469] [D loss: 0.237959] [G loss: 0.254195] [info loss: 1.478803]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 320/469] [D loss: 0.240334] [G loss: 0.302877] [info loss: 1.484890]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 321/469] [D loss: 0.219822] [G loss: 0.263818] [info loss: 1.481992]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 322/469] [D loss: 0.241337] [G loss: 0.315756] [info loss: 1.478965]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 323/469] [D loss: 0.231695] [G loss: 0.324539] [info loss: 1.479488]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 324/469] [D loss: 0.215019] [G loss: 0.329434] [info loss: 1.486327]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 325/469] [D loss: 0.213794] [G loss: 0.279821] [info loss: 1.476496]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 2/200] [Batch 326/469] [D loss: 0.218608] [G loss: 0.281479] [info loss: 1.472659]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 327/469] [D loss: 0.235277] [G loss: 0.355351] [info loss: 1.478129]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 328/469] [D loss: 0.216480] [G loss: 0.335614] [info loss: 1.475663]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 329/469] [D loss: 0.230675] [G loss: 0.273258] [info loss: 1.475557]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 330/469] [D loss: 0.224478] [G loss: 0.319379] [info loss: 1.473462]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 331/469] [D loss: 0.219838] [G loss: 0.275628] [info loss: 1.474245]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 332/469] [D loss: 0.239239] [G loss: 0.317576] [info loss: 1.472351]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 333/469] [D loss: 0.225539] [G loss: 0.328830] [info loss: 1.473611]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 334/469] [D loss: 0.225470] [G loss: 0.271176] [info loss: 1.473092]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 335/469] [D loss: 0.230133] [G loss: 0.304350] [info loss: 1.473548]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 336/469] [D loss: 0.238966] [G loss: 0.318137] [info loss: 1.476917]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 337/469] [D loss: 0.236679] [G loss: 0.311238] [info loss: 1.473167]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 338/469] [D loss: 0.241186] [G loss: 0.335955] [info loss: 1.474306]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 339/469] [D loss: 0.223650] [G loss: 0.295006] [info loss: 1.477760]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 340/469] [D loss: 0.227657] [G loss: 0.331669] [info loss: 1.473481]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 341/469] [D loss: 0.237671] [G loss: 0.280929] [info loss: 1.473717]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 342/469] [D loss: 0.258179] [G loss: 0.229230] [info loss: 1.479697]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 343/469] [D loss: 0.233905] [G loss: 0.291825] [info loss: 1.478790]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 344/469] [D loss: 0.185391] [G loss: 0.281609] [info loss: 1.477160]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 345/469] [D loss: 0.205396] [G loss: 0.279222] [info loss: 1.473297]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 346/469] [D loss: 0.233924] [G loss: 0.298758] [info loss: 1.476081]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 347/469] [D loss: 0.222023] [G loss: 0.271731] [info loss: 1.478711]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 348/469] [D loss: 0.238873] [G loss: 0.321735] [info loss: 1.473809]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 349/469] [D loss: 0.218539] [G loss: 0.319471] [info loss: 1.471691]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 350/469] [D loss: 0.245669] [G loss: 0.299792] [info loss: 1.474941]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 351/469] [D loss: 0.226443] [G loss: 0.326451] [info loss: 1.473262]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 352/469] [D loss: 0.255443] [G loss: 0.286109] [info loss: 1.477805]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 353/469] [D loss: 0.242909] [G loss: 0.286326] [info loss: 1.474762]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 354/469] [D loss: 0.259051] [G loss: 0.328153] [info loss: 1.473571]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 355/469] [D loss: 0.232410] [G loss: 0.255566] [info loss: 1.473621]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 356/469] [D loss: 0.224760] [G loss: 0.309508] [info loss: 1.474138]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 357/469] [D loss: 0.247115] [G loss: 0.306600] [info loss: 1.474285]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 358/469] [D loss: 0.214671] [G loss: 0.364342] [info loss: 1.473236]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 359/469] [D loss: 0.194073] [G loss: 0.285466] [info loss: 1.472363]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 360/469] [D loss: 0.234567] [G loss: 0.211475] [info loss: 1.477528]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 361/469] [D loss: 0.263196] [G loss: 0.299796] [info loss: 1.475292]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 362/469] [D loss: 0.244769] [G loss: 0.379942] [info loss: 1.473820]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 363/469] [D loss: 0.240185] [G loss: 0.303846] [info loss: 1.472454]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 364/469] [D loss: 0.228792] [G loss: 0.268751] [info loss: 1.475334]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 365/469] [D loss: 0.214515] [G loss: 0.264400] [info loss: 1.475259]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 366/469] [D loss: 0.223392] [G loss: 0.279178] [info loss: 1.472780]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 367/469] [D loss: 0.213672] [G loss: 0.349775] [info loss: 1.472426]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 368/469] [D loss: 0.239208] [G loss: 0.358374] [info loss: 1.471757]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 369/469] [D loss: 0.223069] [G loss: 0.267716] [info loss: 1.474538]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 370/469] [D loss: 0.224609] [G loss: 0.278519] [info loss: 1.477232]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 371/469] [D loss: 0.221763] [G loss: 0.389653] [info loss: 1.497431]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 372/469] [D loss: 0.249599] [G loss: 0.335381] [info loss: 1.473683]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 373/469] [D loss: 0.254521] [G loss: 0.304849] [info loss: 1.474784]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]

```

```

[Epoch 2/200] [Batch 374/469] [D loss: 0.215790] [G loss: 0.293452] [info loss: 1.475693]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 375/469] [D loss: 0.233312] [G loss: 0.277248] [info loss: 1.474551]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 376/469] [D loss: 0.244708] [G loss: 0.335863] [info loss: 1.486536]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 377/469] [D loss: 0.252653] [G loss: 0.327568] [info loss: 1.474145]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 378/469] [D loss: 0.238269] [G loss: 0.220231] [info loss: 1.475580]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 379/469] [D loss: 0.232471] [G loss: 0.287367] [info loss: 1.474403]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 380/469] [D loss: 0.259370] [G loss: 0.359435] [info loss: 1.480052]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 381/469] [D loss: 0.217446] [G loss: 0.330620] [info loss: 1.473053]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 382/469] [D loss: 0.208206] [G loss: 0.296244] [info loss: 1.476532]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 383/469] [D loss: 0.229755] [G loss: 0.302547] [info loss: 1.480744]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 384/469] [D loss: 0.216600] [G loss: 0.304366] [info loss: 1.475596]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 385/469] [D loss: 0.231397] [G loss: 0.389913] [info loss: 1.475825]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 386/469] [D loss: 0.221180] [G loss: 0.285694] [info loss: 1.473048]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 387/469] [D loss: 0.232841] [G loss: 0.293975] [info loss: 1.473394]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 388/469] [D loss: 0.242737] [G loss: 0.373068] [info loss: 1.480008]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 389/469] [D loss: 0.241008] [G loss: 0.304095] [info loss: 1.478415]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 390/469] [D loss: 0.211768] [G loss: 0.304115] [info loss: 1.474927]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 391/469] [D loss: 0.251398] [G loss: 0.260424] [info loss: 1.475644]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 392/469] [D loss: 0.228778] [G loss: 0.280476] [info loss: 1.474582]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 393/469] [D loss: 0.239054] [G loss: 0.288592] [info loss: 1.474482]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 394/469] [D loss: 0.205400] [G loss: 0.318574] [info loss: 1.478871]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 395/469] [D loss: 0.205639] [G loss: 0.267056] [info loss: 1.474211]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 396/469] [D loss: 0.249443] [G loss: 0.293971] [info loss: 1.472227]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 397/469] [D loss: 0.218142] [G loss: 0.347627] [info loss: 1.472070]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 398/469] [D loss: 0.208525] [G loss: 0.352021] [info loss: 1.475695]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 399/469] [D loss: 0.225856] [G loss: 0.288447] [info loss: 1.471308]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 400/469] [D loss: 0.245521] [G loss: 0.289387] [info loss: 1.471925]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 401/469] [D loss: 0.211668] [G loss: 0.286593] [info loss: 1.472428]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 402/469] [D loss: 0.220990] [G loss: 0.299405] [info loss: 1.472425]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 403/469] [D loss: 0.257693] [G loss: 0.320600] [info loss: 1.477539]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 404/469] [D loss: 0.242692] [G loss: 0.290764] [info loss: 1.472682]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 405/469] [D loss: 0.252150] [G loss: 0.312757] [info loss: 1.472390]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]

```



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[Epoch 2/200] [Batch 406/469] [D loss: 0.251656] [G loss: 0.291995] [info loss: 1.477124]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 407/469] [D loss: 0.239016] [G loss: 0.306145] [info loss: 1.477526]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 408/469] [D loss: 0.229549] [G loss: 0.303991] [info loss: 1.473514]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 409/469] [D loss: 0.208719] [G loss: 0.280616] [info loss: 1.480370]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 410/469] [D loss: 0.246235] [G loss: 0.300879] [info loss: 1.477898]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 411/469] [D loss: 0.258037] [G loss: 0.292541] [info loss: 1.476376]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 412/469] [D loss: 0.251642] [G loss: 0.299705] [info loss: 1.477403]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 413/469] [D loss: 0.232371] [G loss: 0.293073] [info loss: 1.473589]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 414/469] [D loss: 0.239801] [G loss: 0.337488] [info loss: 1.475871]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 415/469] [D loss: 0.239393] [G loss: 0.329767] [info loss: 1.475236]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 416/469] [D loss: 0.222061] [G loss: 0.240497] [info loss: 1.472766]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 417/469] [D loss: 0.226556] [G loss: 0.265865] [info loss: 1.473935]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 418/469] [D loss: 0.223476] [G loss: 0.299806] [info loss: 1.474151]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 419/469] [D loss: 0.257630] [G loss: 0.282853] [info loss: 1.483074]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 420/469] [D loss: 0.214574] [G loss: 0.344024] [info loss: 1.475925]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 421/469] [D loss: 0.246823] [G loss: 0.277471] [info loss: 1.475389]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 422/469] [D loss: 0.227725] [G loss: 0.279790] [info loss: 1.477849]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 423/469] [D loss: 0.245029] [G loss: 0.286388] [info loss: 1.483400]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 424/469] [D loss: 0.242372] [G loss: 0.270324] [info loss: 1.478069]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 425/469] [D loss: 0.244137] [G loss: 0.282697] [info loss: 1.478042]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 426/469] [D loss: 0.244902] [G loss: 0.233488] [info loss: 1.481662]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 427/469] [D loss: 0.228622] [G loss: 0.338671] [info loss: 1.488516]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 428/469] [D loss: 0.226611] [G loss: 0.331249] [info loss: 1.474411]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 429/469] [D loss: 0.225626] [G loss: 0.285749] [info loss: 1.479739]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 430/469] [D loss: 0.237080] [G loss: 0.336712] [info loss: 1.477125]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 431/469] [D loss: 0.247471] [G loss: 0.330876] [info loss: 1.480459]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 432/469] [D loss: 0.234360] [G loss: 0.300649] [info loss: 1.474678]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 433/469] [D loss: 0.231782] [G loss: 0.317640] [info loss: 1.475515]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 434/469] [D loss: 0.242747] [G loss: 0.256454] [info loss: 1.475157]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 435/469] [D loss: 0.235352] [G loss: 0.293815] [info loss: 1.478625]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 436/469] [D loss: 0.220303] [G loss: 0.258860] [info loss: 1.477374]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 437/469] [D loss: 0.234562] [G loss: 0.301660] [info loss: 1.470591]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 2/200] [Batch 438/469] [D loss: 0.234407] [G loss: 0.340529] [info loss: 1.473803]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 2/200] [Batch 439/469] [D loss: 0.212963] [G loss: 0.273338] [info loss: 1.473410]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 440/469] [D loss: 0.235690] [G loss: 0.315865] [info loss: 1.472932]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 441/469] [D loss: 0.228793] [G loss: 0.303508] [info loss: 1.472891]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 442/469] [D loss: 0.229422] [G loss: 0.283594] [info loss: 1.473395]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 443/469] [D loss: 0.211338] [G loss: 0.271459] [info loss: 1.476068]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 444/469] [D loss: 0.238927] [G loss: 0.341141] [info loss: 1.474634]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 445/469] [D loss: 0.227108] [G loss: 0.323907] [info loss: 1.475645]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 446/469] [D loss: 0.224359] [G loss: 0.286971] [info loss: 1.474056]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 2/200] [Batch 447/469] [D loss: 0.225725] [G loss: 0.260180] [info loss: 1.476670]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 448/469] [D loss: 0.253788] [G loss: 0.300037] [info loss: 1.478881]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 449/469] [D loss: 0.226812] [G loss: 0.315192] [info loss: 1.479513]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 450/469] [D loss: 0.262390] [G loss: 0.349139] [info loss: 1.472542]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 451/469] [D loss: 0.227748] [G loss: 0.317902] [info loss: 1.470559]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 452/469] [D loss: 0.258459] [G loss: 0.276701] [info loss: 1.474185]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 453/469] [D loss: 0.236920] [G loss: 0.296135] [info loss: 1.476442]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 2/200] [Batch 454/469] [D loss: 0.243505] [G loss: 0.289345] [info loss: 1.473905]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 455/469] [D loss: 0.240012] [G loss: 0.305699] [info loss: 1.471532]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 456/469] [D loss: 0.223979] [G loss: 0.306652] [info loss: 1.475848]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 457/469] [D loss: 0.228444] [G loss: 0.314325] [info loss: 1.472243]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 458/469] [D loss: 0.217964] [G loss: 0.346730] [info loss: 1.473117]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 459/469] [D loss: 0.245175] [G loss: 0.288916] [info loss: 1.474774]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 460/469] [D loss: 0.226764] [G loss: 0.302173] [info loss: 1.473096]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 461/469] [D loss: 0.232231] [G loss: 0.303450] [info loss: 1.474890]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 462/469] [D loss: 0.228444] [G loss: 0.319924] [info loss: 1.472270]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 2/200] [Batch 463/469] [D loss: 0.231580] [G loss: 0.296927] [info loss: 1.472126]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 464/469] [D loss: 0.239340] [G loss: 0.327180] [info loss: 1.478908]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 465/469] [D loss: 0.240222] [G loss: 0.264488] [info loss: 1.472159]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 466/469] [D loss: 0.253545] [G loss: 0.291172] [info loss: 1.474843]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...

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```
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 2/200] [Batch 467/469] [D loss: 0.235204] [G loss: 0.298445] [info loss: 1.475860]
[[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
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[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]

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[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]]
[[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]

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```

[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]

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```

[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]]
[Epoch 2/200] [Batch 468/469] [D loss: 0.205014] [G loss: 0.295043] [info loss: 1.472812]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 0/469] [D loss: 0.232237] [G loss: 0.328922] [info loss: 1.478674]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 1/469] [D loss: 0.247769] [G loss: 0.298286] [info loss: 1.476141]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

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[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 2/469] [D loss: 0.232912] [G loss: 0.310651] [info loss: 1.477629]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 3/469] [D loss: 0.222179] [G loss: 0.280978] [info loss: 1.475540]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 4/469] [D loss: 0.235289] [G loss: 0.319996] [info loss: 1.475698]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 5/469] [D loss: 0.214399] [G loss: 0.276537] [info loss: 1.476779]
[[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 6/469] [D loss: 0.228408] [G loss: 0.298720] [info loss: 1.472963]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 7/469] [D loss: 0.218724] [G loss: 0.277885] [info loss: 1.473937]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 8/469] [D loss: 0.239590] [G loss: 0.284571] [info loss: 1.479195]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 9/469] [D loss: 0.254495] [G loss: 0.255143] [info loss: 1.475144]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 10/469] [D loss: 0.219221] [G loss: 0.371453] [info loss: 1.475419]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 11/469] [D loss: 0.206409] [G loss: 0.299323] [info loss: 1.473093]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 12/469] [D loss: 0.224428] [G loss: 0.263341] [info loss: 1.473802]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 13/469] [D loss: 0.230266] [G loss: 0.294884] [info loss: 1.472721]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 14/469] [D loss: 0.233739] [G loss: 0.266281] [info loss: 1.471879]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 15/469] [D loss: 0.223416] [G loss: 0.335898] [info loss: 1.472941]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 16/469] [D loss: 0.235417] [G loss: 0.289626] [info loss: 1.478635]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 17/469] [D loss: 0.247601] [G loss: 0.295717] [info loss: 1.481437]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 18/469] [D loss: 0.235862] [G loss: 0.301057] [info loss: 1.480952]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 19/469] [D loss: 0.230548] [G loss: 0.299156] [info loss: 1.481505]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 20/469] [D loss: 0.217986] [G loss: 0.297500] [info loss: 1.474915]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 21/469] [D loss: 0.234223] [G loss: 0.278754] [info loss: 1.474477]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 22/469] [D loss: 0.255663] [G loss: 0.224301] [info loss: 1.477516]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 23/469] [D loss: 0.235269] [G loss: 0.229974] [info loss: 1.474156]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 24/469] [D loss: 0.233626] [G loss: 0.313893] [info loss: 1.475082]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

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```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 25/469] [D loss: 0.223473] [G loss: 0.306883] [info loss: 1.472909]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 26/469] [D loss: 0.224768] [G loss: 0.302899] [info loss: 1.473527]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 27/469] [D loss: 0.233671] [G loss: 0.295991] [info loss: 1.472412]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```



```

[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 28/469] [D loss: 0.232354] [G loss: 0.307246] [info loss: 1.474337]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 29/469] [D loss: 0.242068] [G loss: 0.369357] [info loss: 1.477877]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 30/469] [D loss: 0.256205] [G loss: 0.198492] [info loss: 1.473144]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 31/469] [D loss: 0.255114] [G loss: 0.310197] [info loss: 1.476627]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 32/469] [D loss: 0.242934] [G loss: 0.309169] [info loss: 1.476393]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 33/469] [D loss: 0.231056] [G loss: 0.315060] [info loss: 1.477509]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 34/469] [D loss: 0.226488] [G loss: 0.298794] [info loss: 1.474120]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 35/469] [D loss: 0.252321] [G loss: 0.318271] [info loss: 1.471627]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 36/469] [D loss: 0.214729] [G loss: 0.321060] [info loss: 1.471932]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 37/469] [D loss: 0.241971] [G loss: 0.286992] [info loss: 1.476686]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 38/469] [D loss: 0.212050] [G loss: 0.260765] [info loss: 1.472132]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 39/469] [D loss: 0.260585] [G loss: 0.296203] [info loss: 1.471523]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 40/469] [D loss: 0.247892] [G loss: 0.321768] [info loss: 1.474112]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 41/469] [D loss: 0.224699] [G loss: 0.336775] [info loss: 1.475134]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 42/469] [D loss: 0.241732] [G loss: 0.323567] [info loss: 1.473055]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 43/469] [D loss: 0.231744] [G loss: 0.303794] [info loss: 1.475223]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 44/469] [D loss: 0.231530] [G loss: 0.276310] [info loss: 1.472104]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 45/469] [D loss: 0.229172] [G loss: 0.336216] [info loss: 1.474461]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 46/469] [D loss: 0.237867] [G loss: 0.330299] [info loss: 1.478966]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 47/469] [D loss: 0.257849] [G loss: 0.279640] [info loss: 1.473460]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 48/469] [D loss: 0.258570] [G loss: 0.278899] [info loss: 1.487507]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 49/469] [D loss: 0.226704] [G loss: 0.244714] [info loss: 1.481189]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]

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```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 50/469] [D loss: 0.198779] [G loss: 0.282052] [info loss: 1.474507]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 51/469] [D loss: 0.215479] [G loss: 0.316812] [info loss: 1.474859]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 52/469] [D loss: 0.217065] [G loss: 0.312463] [info loss: 1.477568]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 53/469] [D loss: 0.215300] [G loss: 0.267084] [info loss: 1.476966]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 54/469] [D loss: 0.237673] [G loss: 0.264269] [info loss: 1.474274]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 55/469] [D loss: 0.225084] [G loss: 0.352515] [info loss: 1.474135]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 56/469] [D loss: 0.215593] [G loss: 0.299128] [info loss: 1.472836]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

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```

[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 57/469] [D loss: 0.218420] [G loss: 0.304954] [info loss: 1.471828]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 58/469] [D loss: 0.225747] [G loss: 0.270171] [info loss: 1.473661]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 59/469] [D loss: 0.236654] [G loss: 0.323345] [info loss: 1.479871]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 60/469] [D loss: 0.239079] [G loss: 0.306486] [info loss: 1.476035]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 61/469] [D loss: 0.242250] [G loss: 0.285904] [info loss: 1.480850]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 62/469] [D loss: 0.241721] [G loss: 0.340302] [info loss: 1.480510]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 63/469] [D loss: 0.236250] [G loss: 0.290117] [info loss: 1.475591]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 64/469] [D loss: 0.232165] [G loss: 0.331934] [info loss: 1.473776]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 65/469] [D loss: 0.211190] [G loss: 0.258780] [info loss: 1.479968]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 66/469] [D loss: 0.229532] [G loss: 0.253850] [info loss: 1.475010]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 67/469] [D loss: 0.227163] [G loss: 0.343039] [info loss: 1.472996]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 68/469] [D loss: 0.244268] [G loss: 0.321173] [info loss: 1.480132]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 69/469] [D loss: 0.196685] [G loss: 0.310732] [info loss: 1.471537]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 70/469] [D loss: 0.218403] [G loss: 0.314254] [info loss: 1.473093]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 71/469] [D loss: 0.234220] [G loss: 0.315433] [info loss: 1.480164]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 72/469] [D loss: 0.235008] [G loss: 0.305489] [info loss: 1.471108]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 73/469] [D loss: 0.227569] [G loss: 0.326097] [info loss: 1.476545]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 74/469] [D loss: 0.231705] [G loss: 0.336868] [info loss: 1.474386]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 75/469] [D loss: 0.252548] [G loss: 0.269684] [info loss: 1.476430]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 76/469] [D loss: 0.236758] [G loss: 0.317522] [info loss: 1.473621]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 77/469] [D loss: 0.227259] [G loss: 0.315137] [info loss: 1.474923]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 78/469] [D loss: 0.217829] [G loss: 0.304026] [info loss: 1.474815]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```



```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 79/469] [D loss: 0.225969] [G loss: 0.276353] [info loss: 1.474381]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 80/469] [D loss: 0.201218] [G loss: 0.288065] [info loss: 1.471732]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 81/469] [D loss: 0.227190] [G loss: 0.314139] [info loss: 1.478886]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 82/469] [D loss: 0.244848] [G loss: 0.373057] [info loss: 1.473104]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 83/469] [D loss: 0.230843] [G loss: 0.329678] [info loss: 1.478553]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 84/469] [D loss: 0.254328] [G loss: 0.279100] [info loss: 1.472570]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 85/469] [D loss: 0.210228] [G loss: 0.299524] [info loss: 1.470997]
[[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 86/469] [D loss: 0.229316] [G loss: 0.336158] [info loss: 1.475278]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 87/469] [D loss: 0.236091] [G loss: 0.299744] [info loss: 1.477879]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 88/469] [D loss: 0.240311] [G loss: 0.238735] [info loss: 1.475400]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 89/469] [D loss: 0.208515] [G loss: 0.302384] [info loss: 1.472180]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 90/469] [D loss: 0.239314] [G loss: 0.296241] [info loss: 1.475874]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 91/469] [D loss: 0.256276] [G loss: 0.248653] [info loss: 1.473210]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 92/469] [D loss: 0.225056] [G loss: 0.284055] [info loss: 1.473944]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 93/469] [D loss: 0.213919] [G loss: 0.303592] [info loss: 1.473880]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 94/469] [D loss: 0.227325] [G loss: 0.290344] [info loss: 1.473061]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 95/469] [D loss: 0.246360] [G loss: 0.264715] [info loss: 1.473384]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 96/469] [D loss: 0.211665] [G loss: 0.347722] [info loss: 1.472117]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 97/469] [D loss: 0.229043] [G loss: 0.347742] [info loss: 1.471517]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 98/469] [D loss: 0.235829] [G loss: 0.367612] [info loss: 1.475516]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 99/469] [D loss: 0.208143] [G loss: 0.272463] [info loss: 1.473775]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 100/469] [D loss: 0.208515] [G loss: 0.261019] [info loss: 1.473393]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 101/469] [D loss: 0.247389] [G loss: 0.337691] [info loss: 1.479269]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 102/469] [D loss: 0.239411] [G loss: 0.333137] [info loss: 1.480367]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 103/469] [D loss: 0.230737] [G loss: 0.299507] [info loss: 1.472698]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 104/469] [D loss: 0.236196] [G loss: 0.280305] [info loss: 1.474833]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 105/469] [D loss: 0.203152] [G loss: 0.334279] [info loss: 1.472155]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 106/469] [D loss: 0.235408] [G loss: 0.318535] [info loss: 1.473469]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 107/469] [D loss: 0.228425] [G loss: 0.342033] [info loss: 1.479591]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 108/469] [D loss: 0.224858] [G loss: 0.278297] [info loss: 1.472779]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 109/469] [D loss: 0.229517] [G loss: 0.300592] [info loss: 1.474522]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 110/469] [D loss: 0.236124] [G loss: 0.302431] [info loss: 1.473624]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 111/469] [D loss: 0.235716] [G loss: 0.317122] [info loss: 1.477814]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 112/469] [D loss: 0.245076] [G loss: 0.312518] [info loss: 1.472022]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 113/469] [D loss: 0.244288] [G loss: 0.276814] [info loss: 1.476191]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 114/469] [D loss: 0.225681] [G loss: 0.293576] [info loss: 1.473574]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 115/469] [D loss: 0.220203] [G loss: 0.281998] [info loss: 1.471785]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 116/469] [D loss: 0.252056] [G loss: 0.292525] [info loss: 1.477213]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 117/469] [D loss: 0.245331] [G loss: 0.274633] [info loss: 1.472626]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 118/469] [D loss: 0.200107] [G loss: 0.301731] [info loss: 1.482766]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 119/469] [D loss: 0.223301] [G loss: 0.285622] [info loss: 1.473327]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 120/469] [D loss: 0.218640] [G loss: 0.283062] [info loss: 1.477229]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 121/469] [D loss: 0.218996] [G loss: 0.361501] [info loss: 1.483757]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 122/469] [D loss: 0.251010] [G loss: 0.303114] [info loss: 1.472787]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 123/469] [D loss: 0.259151] [G loss: 0.284906] [info loss: 1.473115]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 124/469] [D loss: 0.226143] [G loss: 0.344377] [info loss: 1.477979]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 125/469] [D loss: 0.241792] [G loss: 0.317780] [info loss: 1.474046]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 126/469] [D loss: 0.250204] [G loss: 0.269974] [info loss: 1.486112]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 127/469] [D loss: 0.240229] [G loss: 0.422969] [info loss: 1.475712]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 128/469] [D loss: 0.215806] [G loss: 0.347109] [info loss: 1.477221]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 129/469] [D loss: 0.226349] [G loss: 0.266123] [info loss: 1.480518]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 130/469] [D loss: 0.268996] [G loss: 0.299091] [info loss: 1.476687]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 131/469] [D loss: 0.240549] [G loss: 0.354354] [info loss: 1.477443]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 132/469] [D loss: 0.234642] [G loss: 0.315431] [info loss: 1.479956]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 133/469] [D loss: 0.256257] [G loss: 0.271689] [info loss: 1.474119]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 134/469] [D loss: 0.224088] [G loss: 0.333226] [info loss: 1.474485]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 135/469] [D loss: 0.243393] [G loss: 0.297470] [info loss: 1.475891]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 136/469] [D loss: 0.231872] [G loss: 0.335337] [info loss: 1.477547]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 137/469] [D loss: 0.217008] [G loss: 0.290191] [info loss: 1.473269]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 138/469] [D loss: 0.206048] [G loss: 0.343696] [info loss: 1.470412]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 139/469] [D loss: 0.229975] [G loss: 0.400983] [info loss: 1.474456]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 140/469] [D loss: 0.247892] [G loss: 0.267181] [info loss: 1.475470]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 141/469] [D loss: 0.236296] [G loss: 0.262663] [info loss: 1.486939]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 142/469] [D loss: 0.230915] [G loss: 0.286016] [info loss: 1.474858]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 143/469] [D loss: 0.227766] [G loss: 0.299960] [info loss: 1.471269]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 144/469] [D loss: 0.222978] [G loss: 0.264427] [info loss: 1.475787]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 145/469] [D loss: 0.243255] [G loss: 0.293505] [info loss: 1.479849]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 146/469] [D loss: 0.228147] [G loss: 0.361951] [info loss: 1.471969]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 147/469] [D loss: 0.227421] [G loss: 0.277504] [info loss: 1.472698]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 148/469] [D loss: 0.258336] [G loss: 0.249665] [info loss: 1.478750]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 149/469] [D loss: 0.223564] [G loss: 0.296187] [info loss: 1.473677]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 150/469] [D loss: 0.239271] [G loss: 0.373467] [info loss: 1.475205]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 151/469] [D loss: 0.228777] [G loss: 0.286141] [info loss: 1.471579]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 152/469] [D loss: 0.233959] [G loss: 0.270581] [info loss: 1.471185]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 153/469] [D loss: 0.241519] [G loss: 0.297266] [info loss: 1.472495]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 154/469] [D loss: 0.233868] [G loss: 0.359486] [info loss: 1.472388]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 155/469] [D loss: 0.245599] [G loss: 0.365307] [info loss: 1.477147]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 156/469] [D loss: 0.246920] [G loss: 0.273616] [info loss: 1.476950]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 157/469] [D loss: 0.245180] [G loss: 0.206098] [info loss: 1.474907]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 158/469] [D loss: 0.220499] [G loss: 0.289101] [info loss: 1.472062]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 159/469] [D loss: 0.226584] [G loss: 0.291577] [info loss: 1.471385]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 160/469] [D loss: 0.227212] [G loss: 0.306278] [info loss: 1.477853]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 161/469] [D loss: 0.251684] [G loss: 0.295612] [info loss: 1.474248]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

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```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 162/469] [D loss: 0.251985] [G loss: 0.310449] [info loss: 1.473425]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 163/469] [D loss: 0.250211] [G loss: 0.340201] [info loss: 1.470902]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 164/469] [D loss: 0.232310] [G loss: 0.322031] [info loss: 1.471192]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 165/469] [D loss: 0.220225] [G loss: 0.281794] [info loss: 1.470366]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 166/469] [D loss: 0.226506] [G loss: 0.258487] [info loss: 1.475267]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 167/469] [D loss: 0.213980] [G loss: 0.292889] [info loss: 1.470698]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 168/469] [D loss: 0.244374] [G loss: 0.293111] [info loss: 1.473370]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 169/469] [D loss: 0.240046] [G loss: 0.289527] [info loss: 1.472773]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 170/469] [D loss: 0.240455] [G loss: 0.252219] [info loss: 1.473484]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 171/469] [D loss: 0.253379] [G loss: 0.310021] [info loss: 1.472715]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 172/469] [D loss: 0.252341] [G loss: 0.362266] [info loss: 1.469159]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 173/469] [D loss: 0.231237] [G loss: 0.350858] [info loss: 1.471341]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 174/469] [D loss: 0.242926] [G loss: 0.292130] [info loss: 1.471134]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 175/469] [D loss: 0.210846] [G loss: 0.279098] [info loss: 1.471114]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 176/469] [D loss: 0.243249] [G loss: 0.348218] [info loss: 1.472019]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 177/469] [D loss: 0.261316] [G loss: 0.313267] [info loss: 1.476396]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 178/469] [D loss: 0.217533] [G loss: 0.273591] [info loss: 1.475922]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 179/469] [D loss: 0.225380] [G loss: 0.313796] [info loss: 1.471577]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 180/469] [D loss: 0.222271] [G loss: 0.301425] [info loss: 1.471289]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 181/469] [D loss: 0.238092] [G loss: 0.282153] [info loss: 1.475935]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 182/469] [D loss: 0.225673] [G loss: 0.310180] [info loss: 1.471864]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 183/469] [D loss: 0.233254] [G loss: 0.307511] [info loss: 1.476346]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 184/469] [D loss: 0.240956] [G loss: 0.326127] [info loss: 1.472378]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 185/469] [D loss: 0.218047] [G loss: 0.295282] [info loss: 1.471199]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 186/469] [D loss: 0.229345] [G loss: 0.318040] [info loss: 1.473925]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 187/469] [D loss: 0.222652] [G loss: 0.260058] [info loss: 1.474119]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 188/469] [D loss: 0.240445] [G loss: 0.296780] [info loss: 1.474465]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 189/469] [D loss: 0.232465] [G loss: 0.273688] [info loss: 1.474064]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 190/469] [D loss: 0.229603] [G loss: 0.285218] [info loss: 1.471480]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 191/469] [D loss: 0.210820] [G loss: 0.320970] [info loss: 1.473681]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 192/469] [D loss: 0.206665] [G loss: 0.379746] [info loss: 1.474033]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 193/469] [D loss: 0.234057] [G loss: 0.306928] [info loss: 1.472201]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 194/469] [D loss: 0.235366] [G loss: 0.290780] [info loss: 1.476932]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 195/469] [D loss: 0.247219] [G loss: 0.291661] [info loss: 1.475376]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 196/469] [D loss: 0.215161] [G loss: 0.291288] [info loss: 1.475245]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 197/469] [D loss: 0.230138] [G loss: 0.352162] [info loss: 1.471539]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 198/469] [D loss: 0.229505] [G loss: 0.308601] [info loss: 1.470401]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 199/469] [D loss: 0.236238] [G loss: 0.327679] [info loss: 1.475650]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 200/469] [D loss: 0.249038] [G loss: 0.273925] [info loss: 1.474114]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 201/469] [D loss: 0.230531] [G loss: 0.294633] [info loss: 1.471644]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 202/469] [D loss: 0.248125] [G loss: 0.264632] [info loss: 1.471277]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 203/469] [D loss: 0.248634] [G loss: 0.367355] [info loss: 1.472718]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 204/469] [D loss: 0.216280] [G loss: 0.360308] [info loss: 1.472958]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 205/469] [D loss: 0.213451] [G loss: 0.314919] [info loss: 1.474720]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 206/469] [D loss: 0.254185] [G loss: 0.290763] [info loss: 1.472945]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 207/469] [D loss: 0.224409] [G loss: 0.315173] [info loss: 1.472136]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 208/469] [D loss: 0.224784] [G loss: 0.329748] [info loss: 1.474660]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 209/469] [D loss: 0.244024] [G loss: 0.347641] [info loss: 1.479209]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 210/469] [D loss: 0.214710] [G loss: 0.319299] [info loss: 1.472700]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 211/469] [D loss: 0.229947] [G loss: 0.311812] [info loss: 1.470026]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 212/469] [D loss: 0.223803] [G loss: 0.305047] [info loss: 1.470635]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 213/469] [D loss: 0.237759] [G loss: 0.330271] [info loss: 1.471170]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 214/469] [D loss: 0.218737] [G loss: 0.284809] [info loss: 1.470495]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 215/469] [D loss: 0.236253] [G loss: 0.272748] [info loss: 1.483755]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 216/469] [D loss: 0.227464] [G loss: 0.258271] [info loss: 1.472674]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 217/469] [D loss: 0.197208] [G loss: 0.332522] [info loss: 1.474729]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 218/469] [D loss: 0.219067] [G loss: 0.345669] [info loss: 1.472673]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 219/469] [D loss: 0.249284] [G loss: 0.273464] [info loss: 1.472645]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 220/469] [D loss: 0.215692] [G loss: 0.263133] [info loss: 1.469924]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 221/469] [D loss: 0.244110] [G loss: 0.266087] [info loss: 1.480589]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 222/469] [D loss: 0.231080] [G loss: 0.334232] [info loss: 1.470260]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 223/469] [D loss: 0.231800] [G loss: 0.322587] [info loss: 1.471429]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 224/469] [D loss: 0.239405] [G loss: 0.264093] [info loss: 1.471045]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 225/469] [D loss: 0.242536] [G loss: 0.289812] [info loss: 1.473125]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 226/469] [D loss: 0.231872] [G loss: 0.323640] [info loss: 1.470893]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 227/469] [D loss: 0.218246] [G loss: 0.306362] [info loss: 1.471280]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 228/469] [D loss: 0.216196] [G loss: 0.402418] [info loss: 1.472521]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 229/469] [D loss: 0.226857] [G loss: 0.286265] [info loss: 1.478389]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 230/469] [D loss: 0.217543] [G loss: 0.365835] [info loss: 1.471995]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 231/469] [D loss: 0.211195] [G loss: 0.308719] [info loss: 1.481158]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 232/469] [D loss: 0.232067] [G loss: 0.263636] [info loss: 1.472086]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 233/469] [D loss: 0.223201] [G loss: 0.348498] [info loss: 1.474786]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 234/469] [D loss: 0.240079] [G loss: 0.324522] [info loss: 1.476775]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 235/469] [D loss: 0.244227] [G loss: 0.267831] [info loss: 1.475093]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 236/469] [D loss: 0.235990] [G loss: 0.298619] [info loss: 1.473074]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 237/469] [D loss: 0.244631] [G loss: 0.297299] [info loss: 1.473197]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 238/469] [D loss: 0.229274] [G loss: 0.275199] [info loss: 1.475178]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 239/469] [D loss: 0.246810] [G loss: 0.241987] [info loss: 1.477496]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 240/469] [D loss: 0.207838] [G loss: 0.319773] [info loss: 1.474121]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 241/469] [D loss: 0.278068] [G loss: 0.330075] [info loss: 1.471273]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 242/469] [D loss: 0.226125] [G loss: 0.341485] [info loss: 1.472536]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 243/469] [D loss: 0.244539] [G loss: 0.303262] [info loss: 1.471400]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 244/469] [D loss: 0.240453] [G loss: 0.311703] [info loss: 1.471958]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 245/469] [D loss: 0.233509] [G loss: 0.287014] [info loss: 1.471823]
[[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 246/469] [D loss: 0.217497] [G loss: 0.234868] [info loss: 1.470983]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 247/469] [D loss: 0.242977] [G loss: 0.312561] [info loss: 1.471951]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 248/469] [D loss: 0.211911] [G loss: 0.368624] [info loss: 1.479435]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 249/469] [D loss: 0.208338] [G loss: 0.287999] [info loss: 1.471269]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 250/469] [D loss: 0.229103] [G loss: 0.281542] [info loss: 1.474411]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 251/469] [D loss: 0.208838] [G loss: 0.266368] [info loss: 1.474855]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 252/469] [D loss: 0.231363] [G loss: 0.367323] [info loss: 1.473823]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 253/469] [D loss: 0.232326] [G loss: 0.346633] [info loss: 1.477016]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 254/469] [D loss: 0.232592] [G loss: 0.357817] [info loss: 1.477336]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 255/469] [D loss: 0.223437] [G loss: 0.262262] [info loss: 1.473507]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 256/469] [D loss: 0.238676] [G loss: 0.316147] [info loss: 1.475039]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 257/469] [D loss: 0.223465] [G loss: 0.319061] [info loss: 1.476853]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 258/469] [D loss: 0.258252] [G loss: 0.345695] [info loss: 1.483924]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 259/469] [D loss: 0.217509] [G loss: 0.260588] [info loss: 1.484688]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 260/469] [D loss: 0.220883] [G loss: 0.289998] [info loss: 1.482746]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 261/469] [D loss: 0.232585] [G loss: 0.382816] [info loss: 1.474634]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 262/469] [D loss: 0.223178] [G loss: 0.334797] [info loss: 1.473647]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 263/469] [D loss: 0.238347] [G loss: 0.365040] [info loss: 1.472861]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 264/469] [D loss: 0.227482] [G loss: 0.248831] [info loss: 1.480456]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 265/469] [D loss: 0.249632] [G loss: 0.335350] [info loss: 1.478751]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 266/469] [D loss: 0.253291] [G loss: 0.302090] [info loss: 1.475245]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 267/469] [D loss: 0.222856] [G loss: 0.287590] [info loss: 1.473658]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 268/469] [D loss: 0.247558] [G loss: 0.253290] [info loss: 1.472759]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 269/469] [D loss: 0.222017] [G loss: 0.359021] [info loss: 1.478360]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 270/469] [D loss: 0.237885] [G loss: 0.345265] [info loss: 1.473254]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 271/469] [D loss: 0.243143] [G loss: 0.295857] [info loss: 1.474337]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 272/469] [D loss: 0.230698] [G loss: 0.317412] [info loss: 1.475956]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 273/469] [D loss: 0.212146] [G loss: 0.308015] [info loss: 1.471465]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 274/469] [D loss: 0.225398] [G loss: 0.311420] [info loss: 1.476774]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 275/469] [D loss: 0.217466] [G loss: 0.333323] [info loss: 1.472844]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 276/469] [D loss: 0.230035] [G loss: 0.326776] [info loss: 1.470848]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 277/469] [D loss: 0.245170] [G loss: 0.306929] [info loss: 1.476290]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 278/469] [D loss: 0.226203] [G loss: 0.303116] [info loss: 1.470727]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 279/469] [D loss: 0.242005] [G loss: 0.284967] [info loss: 1.475389]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 280/469] [D loss: 0.229651] [G loss: 0.268104] [info loss: 1.470973]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 281/469] [D loss: 0.220037] [G loss: 0.279365] [info loss: 1.472795]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 282/469] [D loss: 0.225323] [G loss: 0.343170] [info loss: 1.474847]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 283/469] [D loss: 0.208830] [G loss: 0.330198] [info loss: 1.474198]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 284/469] [D loss: 0.234217] [G loss: 0.276442] [info loss: 1.471944]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 285/469] [D loss: 0.238132] [G loss: 0.262986] [info loss: 1.472724]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 286/469] [D loss: 0.231772] [G loss: 0.365946] [info loss: 1.470846]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 287/469] [D loss: 0.234456] [G loss: 0.296076] [info loss: 1.475532]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 288/469] [D loss: 0.230001] [G loss: 0.269202] [info loss: 1.472988]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 289/469] [D loss: 0.231628] [G loss: 0.298390] [info loss: 1.471641]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 290/469] [D loss: 0.210519] [G loss: 0.317017] [info loss: 1.474254]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 291/469] [D loss: 0.255307] [G loss: 0.271811] [info loss: 1.474662]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 292/469] [D loss: 0.254982] [G loss: 0.260329] [info loss: 1.472808]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 293/469] [D loss: 0.223212] [G loss: 0.353701] [info loss: 1.470985]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 294/469] [D loss: 0.205859] [G loss: 0.258621] [info loss: 1.472141]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 295/469] [D loss: 0.208720] [G loss: 0.330876] [info loss: 1.474414]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 296/469] [D loss: 0.213765] [G loss: 0.340367] [info loss: 1.472918]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 297/469] [D loss: 0.256300] [G loss: 0.283322] [info loss: 1.470985]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 298/469] [D loss: 0.230235] [G loss: 0.255904] [info loss: 1.473393]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 299/469] [D loss: 0.210016] [G loss: 0.319628] [info loss: 1.472735]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 300/469] [D loss: 0.219681] [G loss: 0.344258] [info loss: 1.472209]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 301/469] [D loss: 0.205770] [G loss: 0.299295] [info loss: 1.472021]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 302/469] [D loss: 0.224302] [G loss: 0.287476] [info loss: 1.472374]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 303/469] [D loss: 0.234753] [G loss: 0.268363] [info loss: 1.471869]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 304/469] [D loss: 0.235572] [G loss: 0.423105] [info loss: 1.471766]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 305/469] [D loss: 0.231657] [G loss: 0.301639] [info loss: 1.470341]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 306/469] [D loss: 0.228572] [G loss: 0.269136] [info loss: 1.474739]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 307/469] [D loss: 0.218841] [G loss: 0.301480] [info loss: 1.475426]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 308/469] [D loss: 0.219088] [G loss: 0.307572] [info loss: 1.471564]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 309/469] [D loss: 0.245709] [G loss: 0.280473] [info loss: 1.471251]
[[0. 0. 0. ... 1. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 310/469] [D loss: 0.246028] [G loss: 0.311252] [info loss: 1.472078]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 311/469] [D loss: 0.233357] [G loss: 0.289312] [info loss: 1.473428]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 312/469] [D loss: 0.259882] [G loss: 0.319006] [info loss: 1.470322]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 313/469] [D loss: 0.243975] [G loss: 0.304782] [info loss: 1.473696]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 314/469] [D loss: 0.237815] [G loss: 0.330129] [info loss: 1.473783]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 315/469] [D loss: 0.248058] [G loss: 0.367592] [info loss: 1.471876]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 316/469] [D loss: 0.226154] [G loss: 0.302425] [info loss: 1.474944]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 317/469] [D loss: 0.236064] [G loss: 0.296708] [info loss: 1.471909]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 318/469] [D loss: 0.260162] [G loss: 0.314857] [info loss: 1.472485]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 319/469] [D loss: 0.222570] [G loss: 0.385324] [info loss: 1.473145]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 320/469] [D loss: 0.229552] [G loss: 0.262161] [info loss: 1.472646]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 321/469] [D loss: 0.239574] [G loss: 0.233995] [info loss: 1.470747]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 322/469] [D loss: 0.213872] [G loss: 0.319295] [info loss: 1.473769]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 323/469] [D loss: 0.194520] [G loss: 0.311098] [info loss: 1.472945]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 324/469] [D loss: 0.229444] [G loss: 0.343547] [info loss: 1.469767]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 325/469] [D loss: 0.225667] [G loss: 0.282645] [info loss: 1.472739]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 326/469] [D loss: 0.214659] [G loss: 0.243420] [info loss: 1.480934]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 327/469] [D loss: 0.242758] [G loss: 0.346485] [info loss: 1.477335]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 328/469] [D loss: 0.217798] [G loss: 0.402208] [info loss: 1.471688]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 329/469] [D loss: 0.234380] [G loss: 0.282556] [info loss: 1.474249]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 330/469] [D loss: 0.236330] [G loss: 0.301151] [info loss: 1.470823]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 331/469] [D loss: 0.220942] [G loss: 0.316983] [info loss: 1.472863]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 332/469] [D loss: 0.228287] [G loss: 0.286439] [info loss: 1.472361]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 333/469] [D loss: 0.213280] [G loss: 0.252868] [info loss: 1.471869]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 334/469] [D loss: 0.247402] [G loss: 0.333800] [info loss: 1.472242]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 335/469] [D loss: 0.213985] [G loss: 0.323064] [info loss: 1.472504]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 336/469] [D loss: 0.226669] [G loss: 0.314645] [info loss: 1.474296]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 337/469] [D loss: 0.263660] [G loss: 0.215770] [info loss: 1.472950]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 338/469] [D loss: 0.215148] [G loss: 0.325663] [info loss: 1.471214]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 339/469] [D loss: 0.257091] [G loss: 0.346618] [info loss: 1.471932]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 340/469] [D loss: 0.219869] [G loss: 0.338603] [info loss: 1.472998]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 341/469] [D loss: 0.220716] [G loss: 0.294665] [info loss: 1.472913]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 342/469] [D loss: 0.213708] [G loss: 0.296597] [info loss: 1.474110]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 343/469] [D loss: 0.244536] [G loss: 0.361530] [info loss: 1.471426]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 344/469] [D loss: 0.241785] [G loss: 0.260230] [info loss: 1.470733]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 345/469] [D loss: 0.233151] [G loss: 0.256967] [info loss: 1.472082]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 346/469] [D loss: 0.214332] [G loss: 0.326688] [info loss: 1.475495]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 347/469] [D loss: 0.242144] [G loss: 0.297887] [info loss: 1.469748]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 348/469] [D loss: 0.224939] [G loss: 0.319563] [info loss: 1.471485]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 349/469] [D loss: 0.238997] [G loss: 0.352232] [info loss: 1.470426]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 350/469] [D loss: 0.242274] [G loss: 0.310344] [info loss: 1.472341]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 351/469] [D loss: 0.212269] [G loss: 0.312623] [info loss: 1.474379]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 352/469] [D loss: 0.195244] [G loss: 0.329920] [info loss: 1.473584]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 353/469] [D loss: 0.224435] [G loss: 0.330072] [info loss: 1.472089]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 1. 0.]
[Epoch 3/200] [Batch 354/469] [D loss: 0.243449] [G loss: 0.310906] [info loss: 1.475607]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 355/469] [D loss: 0.230880] [G loss: 0.298847] [info loss: 1.475269]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 356/469] [D loss: 0.236568] [G loss: 0.287898] [info loss: 1.471525]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 357/469] [D loss: 0.222360] [G loss: 0.268490] [info loss: 1.473963]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 358/469] [D loss: 0.239483] [G loss: 0.349082] [info loss: 1.472668]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 359/469] [D loss: 0.245896] [G loss: 0.349787] [info loss: 1.470901]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 360/469] [D loss: 0.241963] [G loss: 0.305502] [info loss: 1.471662]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```



```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 361/469] [D loss: 0.214568] [G loss: 0.307382] [info loss: 1.469764]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 362/469] [D loss: 0.220871] [G loss: 0.313692] [info loss: 1.472656]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 363/469] [D loss: 0.243284] [G loss: 0.283653] [info loss: 1.470872]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]

```

```

[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 364/469] [D loss: 0.243600] [G loss: 0.281422] [info loss: 1.469522]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 365/469] [D loss: 0.237550] [G loss: 0.304228] [info loss: 1.471571]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 366/469] [D loss: 0.256040] [G loss: 0.351848] [info loss: 1.471438]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 367/469] [D loss: 0.231982] [G loss: 0.294546] [info loss: 1.470619]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 368/469] [D loss: 0.221216] [G loss: 0.241113] [info loss: 1.469936]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 369/469] [D loss: 0.238870] [G loss: 0.328132] [info loss: 1.473197]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 370/469] [D loss: 0.232266] [G loss: 0.352755] [info loss: 1.473017]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 371/469] [D loss: 0.209434] [G loss: 0.324983] [info loss: 1.478722]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 372/469] [D loss: 0.256406] [G loss: 0.269817] [info loss: 1.470459]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 373/469] [D loss: 0.203553] [G loss: 0.301623] [info loss: 1.473498]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 374/469] [D loss: 0.238212] [G loss: 0.331109] [info loss: 1.471593]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 375/469] [D loss: 0.215118] [G loss: 0.299081] [info loss: 1.472644]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 376/469] [D loss: 0.201991] [G loss: 0.333024] [info loss: 1.474822]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 377/469] [D loss: 0.235955] [G loss: 0.243713] [info loss: 1.474277]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 378/469] [D loss: 0.230721] [G loss: 0.305959] [info loss: 1.471930]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 379/469] [D loss: 0.207997] [G loss: 0.275198] [info loss: 1.476838]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 380/469] [D loss: 0.225161] [G loss: 0.342785] [info loss: 1.473566]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 381/469] [D loss: 0.245390] [G loss: 0.295881] [info loss: 1.471449]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 382/469] [D loss: 0.232242] [G loss: 0.264177] [info loss: 1.471853]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 383/469] [D loss: 0.249067] [G loss: 0.282998] [info loss: 1.472092]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 384/469] [D loss: 0.201495] [G loss: 0.406333] [info loss: 1.471228]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 385/469] [D loss: 0.211312] [G loss: 0.301111] [info loss: 1.475332]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 386/469] [D loss: 0.226433] [G loss: 0.273293] [info loss: 1.474066]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 387/469] [D loss: 0.231784] [G loss: 0.328071] [info loss: 1.469721]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 388/469] [D loss: 0.234045] [G loss: 0.361834] [info loss: 1.470886]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 389/469] [D loss: 0.207999] [G loss: 0.287680] [info loss: 1.469359]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 390/469] [D loss: 0.221641] [G loss: 0.322393] [info loss: 1.477614]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 391/469] [D loss: 0.233100] [G loss: 0.329087] [info loss: 1.474929]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 392/469] [D loss: 0.241167] [G loss: 0.328918] [info loss: 1.471650]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 393/469] [D loss: 0.232895] [G loss: 0.256566] [info loss: 1.469537]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 394/469] [D loss: 0.225389] [G loss: 0.347085] [info loss: 1.470816]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 395/469] [D loss: 0.217407] [G loss: 0.287874] [info loss: 1.475152]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 396/469] [D loss: 0.209444] [G loss: 0.260095] [info loss: 1.469836]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 397/469] [D loss: 0.234995] [G loss: 0.351263] [info loss: 1.471927]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 398/469] [D loss: 0.216981] [G loss: 0.296560] [info loss: 1.471894]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 399/469] [D loss: 0.205575] [G loss: 0.291543] [info loss: 1.476930]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 400/469] [D loss: 0.222992] [G loss: 0.305364] [info loss: 1.473856]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 401/469] [D loss: 0.213656] [G loss: 0.355487] [info loss: 1.473903]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]

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```

[1. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 402/469] [D loss: 0.235469] [G loss: 0.293655] [info loss: 1.468333]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 403/469] [D loss: 0.241671] [G loss: 0.271079] [info loss: 1.470927]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 404/469] [D loss: 0.229481] [G loss: 0.321088] [info loss: 1.472259]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 405/469] [D loss: 0.220281] [G loss: 0.325741] [info loss: 1.471002]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 406/469] [D loss: 0.224004] [G loss: 0.358215] [info loss: 1.470672]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 407/469] [D loss: 0.264735] [G loss: 0.293419] [info loss: 1.472502]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 408/469] [D loss: 0.216344] [G loss: 0.287133] [info loss: 1.469071]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 409/469] [D loss: 0.205790] [G loss: 0.273481] [info loss: 1.472900]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 410/469] [D loss: 0.212434] [G loss: 0.278129] [info loss: 1.473100]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 411/469] [D loss: 0.223360] [G loss: 0.302896] [info loss: 1.471923]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 412/469] [D loss: 0.206069] [G loss: 0.345573] [info loss: 1.473196]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 413/469] [D loss: 0.235985] [G loss: 0.360953] [info loss: 1.475636]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 414/469] [D loss: 0.230509] [G loss: 0.355128] [info loss: 1.471432]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 415/469] [D loss: 0.224319] [G loss: 0.351027] [info loss: 1.470882]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 416/469] [D loss: 0.202032] [G loss: 0.305120] [info loss: 1.471760]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 417/469] [D loss: 0.213729] [G loss: 0.264518] [info loss: 1.473627]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

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```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 418/469] [D loss: 0.246082] [G loss: 0.362148] [info loss: 1.471781]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 419/469] [D loss: 0.235406] [G loss: 0.362060] [info loss: 1.474221]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 420/469] [D loss: 0.233164] [G loss: 0.379408] [info loss: 1.474025]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 421/469] [D loss: 0.253391] [G loss: 0.314471] [info loss: 1.474032]
[[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 422/469] [D loss: 0.195777] [G loss: 0.283444] [info loss: 1.474994]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 423/469] [D loss: 0.249995] [G loss: 0.268698] [info loss: 1.471827]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 424/469] [D loss: 0.220964] [G loss: 0.327328] [info loss: 1.475164]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

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```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 425/469] [D loss: 0.223447] [G loss: 0.342076] [info loss: 1.470706]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 426/469] [D loss: 0.229268] [G loss: 0.307742] [info loss: 1.472775]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 427/469] [D loss: 0.240487] [G loss: 0.288673] [info loss: 1.470035]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 428/469] [D loss: 0.221385] [G loss: 0.317146] [info loss: 1.472342]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 429/469] [D loss: 0.228838] [G loss: 0.354830] [info loss: 1.471436]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 430/469] [D loss: 0.231362] [G loss: 0.294646] [info loss: 1.472921]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 431/469] [D loss: 0.218572] [G loss: 0.258026] [info loss: 1.475332]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 432/469] [D loss: 0.225009] [G loss: 0.281153] [info loss: 1.472587]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 433/469] [D loss: 0.237710] [G loss: 0.313692] [info loss: 1.470377]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 434/469] [D loss: 0.224205] [G loss: 0.331018] [info loss: 1.472407]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 435/469] [D loss: 0.253530] [G loss: 0.307452] [info loss: 1.472672]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 436/469] [D loss: 0.224380] [G loss: 0.279497] [info loss: 1.472822]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 437/469] [D loss: 0.234089] [G loss: 0.336302] [info loss: 1.471691]
[[0. 0. 1. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 438/469] [D loss: 0.217650] [G loss: 0.317179] [info loss: 1.470320]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 439/469] [D loss: 0.234121] [G loss: 0.295887] [info loss: 1.471121]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 440/469] [D loss: 0.234731] [G loss: 0.326944] [info loss: 1.471935]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 441/469] [D loss: 0.235371] [G loss: 0.304818] [info loss: 1.469721]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 442/469] [D loss: 0.215396] [G loss: 0.294469] [info loss: 1.473462]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 443/469] [D loss: 0.229399] [G loss: 0.296938] [info loss: 1.471203]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 444/469] [D loss: 0.252392] [G loss: 0.320318] [info loss: 1.471365]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 445/469] [D loss: 0.230022] [G loss: 0.347060] [info loss: 1.472448]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 446/469] [D loss: 0.244937] [G loss: 0.302508] [info loss: 1.471266]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 447/469] [D loss: 0.219222] [G loss: 0.282228] [info loss: 1.470959]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 448/469] [D loss: 0.202264] [G loss: 0.345906] [info loss: 1.470876]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 449/469] [D loss: 0.230131] [G loss: 0.335707] [info loss: 1.471738]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

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[0. 0. 0. ... 0. 0. 0.]
[Epoch 3/200] [Batch 450/469] [D loss: 0.206137] [G loss: 0.312264] [info loss: 1.470283]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 3/200] [Batch 451/469] [D loss: 0.240638] [G loss: 0.263570] [info loss: 1.470771]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 452/469] [D loss: 0.256086] [G loss: 0.315862] [info loss: 1.469459]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 453/469] [D loss: 0.225518] [G loss: 0.370940] [info loss: 1.477091]
[[0. 1. 0. ... 0. 0. 0.]

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```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 454/469] [D loss: 0.239115] [G loss: 0.261170] [info loss: 1.471704]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 455/469] [D loss: 0.226106] [G loss: 0.261275] [info loss: 1.472217]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 456/469] [D loss: 0.230892] [G loss: 0.304938] [info loss: 1.473435]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 457/469] [D loss: 0.243012] [G loss: 0.300499] [info loss: 1.473846]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 458/469] [D loss: 0.230893] [G loss: 0.262913] [info loss: 1.472960]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 459/469] [D loss: 0.225877] [G loss: 0.297138] [info loss: 1.470231]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```

```

[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 460/469] [D loss: 0.221170] [G loss: 0.335943] [info loss: 1.476588]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 461/469] [D loss: 0.239831] [G loss: 0.310873] [info loss: 1.472774]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 462/469] [D loss: 0.205379] [G loss: 0.278355] [info loss: 1.472508]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 463/469] [D loss: 0.219209] [G loss: 0.270252] [info loss: 1.475378]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 464/469] [D loss: 0.226747] [G loss: 0.322370] [info loss: 1.469595]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 3/200] [Batch 465/469] [D loss: 0.226364] [G loss: 0.309831] [info loss: 1.471209]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]

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```

[0. 0. 1. ... 0. 0. 0.]]
[Epoch 3/200] [Batch 466/469] [D loss: 0.216500] [G loss: 0.281662] [info loss: 1.474797]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 3/200] [Batch 467/469] [D loss: 0.253578] [G loss: 0.341543] [info loss: 1.473072]
[[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]

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[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]

```

```

[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]

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[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]

```

```

[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[Epoch 3/200] [Batch 468/469] [D loss: 0.249451] [G loss: 0.267625] [info loss: 1.475157]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 0/469] [D loss: 0.256143] [G loss: 0.285400] [info loss: 1.471593]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 1/469] [D loss: 0.244420] [G loss: 0.326643] [info loss: 1.475909]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 2/469] [D loss: 0.211069] [G loss: 0.351040] [info loss: 1.471102]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 3/469] [D loss: 0.226938] [G loss: 0.264945] [info loss: 1.474172]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 4/469] [D loss: 0.247981] [G loss: 0.286248] [info loss: 1.473239]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 5/469] [D loss: 0.226757] [G loss: 0.315153] [info loss: 1.472140]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 6/469] [D loss: 0.224004] [G loss: 0.293704] [info loss: 1.476049]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 7/469] [D loss: 0.241801] [G loss: 0.283729] [info loss: 1.481280]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 8/469] [D loss: 0.210688] [G loss: 0.255991] [info loss: 1.473089]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 9/469] [D loss: 0.217964] [G loss: 0.266759] [info loss: 1.471116]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 10/469] [D loss: 0.216876] [G loss: 0.315046] [info loss: 1.469682]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 11/469] [D loss: 0.203480] [G loss: 0.276203] [info loss: 1.471193]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 12/469] [D loss: 0.234444] [G loss: 0.282898] [info loss: 1.470229]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 13/469] [D loss: 0.242408] [G loss: 0.290643] [info loss: 1.471789]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 14/469] [D loss: 0.213703] [G loss: 0.301846] [info loss: 1.470617]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 15/469] [D loss: 0.233221] [G loss: 0.313010] [info loss: 1.470621]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 16/469] [D loss: 0.233852] [G loss: 0.223625] [info loss: 1.471042]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 17/469] [D loss: 0.244999] [G loss: 0.328626] [info loss: 1.471280]

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```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 18/469] [D loss: 0.236230] [G loss: 0.372651] [info loss: 1.468331]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 19/469] [D loss: 0.206198] [G loss: 0.336214] [info loss: 1.470541]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 20/469] [D loss: 0.220338] [G loss: 0.297930] [info loss: 1.470539]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 21/469] [D loss: 0.212841] [G loss: 0.340338] [info loss: 1.472379]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 22/469] [D loss: 0.204521] [G loss: 0.296549] [info loss: 1.472621]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 23/469] [D loss: 0.226725] [G loss: 0.331614] [info loss: 1.471619]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 24/469] [D loss: 0.217158] [G loss: 0.314851] [info loss: 1.473432]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 25/469] [D loss: 0.242592] [G loss: 0.275582] [info loss: 1.469234]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 26/469] [D loss: 0.244443] [G loss: 0.290603] [info loss: 1.471455]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 27/469] [D loss: 0.240341] [G loss: 0.367011] [info loss: 1.470418]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 28/469] [D loss: 0.224812] [G loss: 0.323598] [info loss: 1.471809]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 29/469] [D loss: 0.214866] [G loss: 0.295430] [info loss: 1.476761]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 30/469] [D loss: 0.246992] [G loss: 0.302789] [info loss: 1.469642]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 31/469] [D loss: 0.233875] [G loss: 0.296734] [info loss: 1.467764]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 32/469] [D loss: 0.215173] [G loss: 0.314331] [info loss: 1.469033]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 33/469] [D loss: 0.232964] [G loss: 0.270961] [info loss: 1.473045]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 34/469] [D loss: 0.236273] [G loss: 0.356439] [info loss: 1.476931]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 35/469] [D loss: 0.219955] [G loss: 0.302248] [info loss: 1.473556]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 36/469] [D loss: 0.220703] [G loss: 0.333869] [info loss: 1.474181]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 37/469] [D loss: 0.226605] [G loss: 0.344192] [info loss: 1.471775]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 38/469] [D loss: 0.225102] [G loss: 0.271473] [info loss: 1.476883]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 39/469] [D loss: 0.224232] [G loss: 0.285643] [info loss: 1.474478]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 40/469] [D loss: 0.217207] [G loss: 0.337127] [info loss: 1.470367]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 41/469] [D loss: 0.240185] [G loss: 0.326739] [info loss: 1.472052]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 42/469] [D loss: 0.252221] [G loss: 0.339946] [info loss: 1.471251]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 43/469] [D loss: 0.237714] [G loss: 0.215376] [info loss: 1.471378]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 44/469] [D loss: 0.233424] [G loss: 0.302860] [info loss: 1.474884]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 45/469] [D loss: 0.227320] [G loss: 0.295652] [info loss: 1.472488]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 46/469] [D loss: 0.223185] [G loss: 0.365564] [info loss: 1.473580]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 47/469] [D loss: 0.221090] [G loss: 0.269208] [info loss: 1.475976]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 48/469] [D loss: 0.238885] [G loss: 0.313440] [info loss: 1.472758]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 49/469] [D loss: 0.230511] [G loss: 0.303824] [info loss: 1.473084]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 50/469] [D loss: 0.233766] [G loss: 0.206874] [info loss: 1.471487]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 51/469] [D loss: 0.207960] [G loss: 0.353521] [info loss: 1.470199]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 52/469] [D loss: 0.210951] [G loss: 0.321903] [info loss: 1.471813]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 53/469] [D loss: 0.225065] [G loss: 0.312981] [info loss: 1.471846]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 54/469] [D loss: 0.220457] [G loss: 0.246308] [info loss: 1.470264]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 55/469] [D loss: 0.235156] [G loss: 0.302411] [info loss: 1.479384]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 56/469] [D loss: 0.224214] [G loss: 0.363043] [info loss: 1.472846]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 57/469] [D loss: 0.230031] [G loss: 0.285680] [info loss: 1.470959]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 58/469] [D loss: 0.241473] [G loss: 0.264941] [info loss: 1.472826]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 59/469] [D loss: 0.218288] [G loss: 0.336838] [info loss: 1.472449]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 60/469] [D loss: 0.204391] [G loss: 0.320942] [info loss: 1.472171]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 61/469] [D loss: 0.238369] [G loss: 0.271293] [info loss: 1.472738]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 62/469] [D loss: 0.226331] [G loss: 0.270586] [info loss: 1.469258]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 63/469] [D loss: 0.258481] [G loss: 0.328831] [info loss: 1.472498]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 64/469] [D loss: 0.219928] [G loss: 0.265413] [info loss: 1.469899]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 65/469] [D loss: 0.210630] [G loss: 0.261355] [info loss: 1.471757]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 66/469] [D loss: 0.227103] [G loss: 0.240243] [info loss: 1.471658]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 67/469] [D loss: 0.211844] [G loss: 0.315888] [info loss: 1.472166]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 68/469] [D loss: 0.262779] [G loss: 0.304856] [info loss: 1.474379]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 69/469] [D loss: 0.217180] [G loss: 0.285160] [info loss: 1.470632]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 70/469] [D loss: 0.205064] [G loss: 0.321014] [info loss: 1.469481]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 71/469] [D loss: 0.232271] [G loss: 0.307093] [info loss: 1.471721]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 72/469] [D loss: 0.257554] [G loss: 0.340977] [info loss: 1.472269]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 73/469] [D loss: 0.241982] [G loss: 0.332063] [info loss: 1.470801]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 74/469] [D loss: 0.250199] [G loss: 0.338617] [info loss: 1.476453]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 75/469] [D loss: 0.214970] [G loss: 0.245810] [info loss: 1.470317]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 76/469] [D loss: 0.235378] [G loss: 0.272640] [info loss: 1.472284]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 77/469] [D loss: 0.244005] [G loss: 0.303715] [info loss: 1.469449]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 78/469] [D loss: 0.216035] [G loss: 0.313340] [info loss: 1.471611]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 79/469] [D loss: 0.216011] [G loss: 0.271917] [info loss: 1.470924]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 80/469] [D loss: 0.220806] [G loss: 0.335087] [info loss: 1.470317]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 81/469] [D loss: 0.261963] [G loss: 0.327450] [info loss: 1.469539]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 82/469] [D loss: 0.248658] [G loss: 0.276521] [info loss: 1.471451]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 83/469] [D loss: 0.230327] [G loss: 0.286411] [info loss: 1.474614]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 84/469] [D loss: 0.241015] [G loss: 0.345095] [info loss: 1.471429]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```



```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 85/469] [D loss: 0.230123] [G loss: 0.344929] [info loss: 1.471609]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 86/469] [D loss: 0.226913] [G loss: 0.281751] [info loss: 1.471841]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 87/469] [D loss: 0.239843] [G loss: 0.297823] [info loss: 1.472241]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 88/469] [D loss: 0.255745] [G loss: 0.290284] [info loss: 1.469996]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 89/469] [D loss: 0.227376] [G loss: 0.286447] [info loss: 1.473101]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 90/469] [D loss: 0.249790] [G loss: 0.293283] [info loss: 1.470382]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 91/469] [D loss: 0.229498] [G loss: 0.295381] [info loss: 1.477222]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 92/469] [D loss: 0.231113] [G loss: 0.314881] [info loss: 1.468433]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 93/469] [D loss: 0.239136] [G loss: 0.342314] [info loss: 1.469918]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 94/469] [D loss: 0.238684] [G loss: 0.285088] [info loss: 1.473447]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 95/469] [D loss: 0.217974] [G loss: 0.276217] [info loss: 1.470281]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 96/469] [D loss: 0.227773] [G loss: 0.352586] [info loss: 1.469134]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 97/469] [D loss: 0.205423] [G loss: 0.351101] [info loss: 1.470349]

```

```

[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 98/469] [D loss: 0.214516] [G loss: 0.227608] [info loss: 1.472441]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 99/469] [D loss: 0.245581] [G loss: 0.291317] [info loss: 1.476142]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 100/469] [D loss: 0.207671] [G loss: 0.330949] [info loss: 1.471769]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 101/469] [D loss: 0.215398] [G loss: 0.297526] [info loss: 1.473386]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 102/469] [D loss: 0.225197] [G loss: 0.284216] [info loss: 1.471672]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 103/469] [D loss: 0.225767] [G loss: 0.339258] [info loss: 1.468778]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 104/469] [D loss: 0.212494] [G loss: 0.292340] [info loss: 1.472780]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 105/469] [D loss: 0.228730] [G loss: 0.313868] [info loss: 1.474184]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 106/469] [D loss: 0.222993] [G loss: 0.266898] [info loss: 1.471349]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 107/469] [D loss: 0.201990] [G loss: 0.250162] [info loss: 1.472086]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 108/469] [D loss: 0.243411] [G loss: 0.267502] [info loss: 1.477047]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 109/469] [D loss: 0.229087] [G loss: 0.280498] [info loss: 1.475225]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 110/469] [D loss: 0.248420] [G loss: 0.278380] [info loss: 1.469626]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 111/469] [D loss: 0.199530] [G loss: 0.349988] [info loss: 1.469150]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 112/469] [D loss: 0.206349] [G loss: 0.331620] [info loss: 1.473011]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 113/469] [D loss: 0.235720] [G loss: 0.209215] [info loss: 1.471044]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 114/469] [D loss: 0.257584] [G loss: 0.333176] [info loss: 1.470005]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 115/469] [D loss: 0.216959] [G loss: 0.325571] [info loss: 1.471318]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 116/469] [D loss: 0.236450] [G loss: 0.285259] [info loss: 1.470050]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 117/469] [D loss: 0.229482] [G loss: 0.287665] [info loss: 1.470553]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 118/469] [D loss: 0.207007] [G loss: 0.299085] [info loss: 1.470212]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 119/469] [D loss: 0.232181] [G loss: 0.317888] [info loss: 1.470226]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 120/469] [D loss: 0.234729] [G loss: 0.326737] [info loss: 1.471464]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 121/469] [D loss: 0.212717] [G loss: 0.244932] [info loss: 1.470421]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 122/469] [D loss: 0.223963] [G loss: 0.321156] [info loss: 1.470145]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 123/469] [D loss: 0.238696] [G loss: 0.298385] [info loss: 1.470175]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 124/469] [D loss: 0.238633] [G loss: 0.356061] [info loss: 1.470543]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 125/469] [D loss: 0.244531] [G loss: 0.333001] [info loss: 1.470193]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 126/469] [D loss: 0.238655] [G loss: 0.306119] [info loss: 1.470136]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 127/469] [D loss: 0.210642] [G loss: 0.268724] [info loss: 1.468221]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 128/469] [D loss: 0.245711] [G loss: 0.337672] [info loss: 1.473675]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 129/469] [D loss: 0.241009] [G loss: 0.343976] [info loss: 1.472044]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 130/469] [D loss: 0.217451] [G loss: 0.334935] [info loss: 1.475263]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 131/469] [D loss: 0.240874] [G loss: 0.302660] [info loss: 1.470674]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 132/469] [D loss: 0.228328] [G loss: 0.300651] [info loss: 1.469754]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 133/469] [D loss: 0.213199] [G loss: 0.289679] [info loss: 1.469826]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 134/469] [D loss: 0.231480] [G loss: 0.285971] [info loss: 1.472184]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 135/469] [D loss: 0.243329] [G loss: 0.360806] [info loss: 1.472176]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```



```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 136/469] [D loss: 0.235030] [G loss: 0.294282] [info loss: 1.470301]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 137/469] [D loss: 0.244270] [G loss: 0.308309] [info loss: 1.469314]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 138/469] [D loss: 0.199560] [G loss: 0.269878] [info loss: 1.473017]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 139/469] [D loss: 0.222009] [G loss: 0.318643] [info loss: 1.469744]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 140/469] [D loss: 0.242826] [G loss: 0.314478] [info loss: 1.469490]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 141/469] [D loss: 0.217248] [G loss: 0.265631] [info loss: 1.472716]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 142/469] [D loss: 0.245571] [G loss: 0.265016] [info loss: 1.474378]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 143/469] [D loss: 0.218565] [G loss: 0.322601] [info loss: 1.469116]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 144/469] [D loss: 0.205576] [G loss: 0.348379] [info loss: 1.471088]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 145/469] [D loss: 0.219209] [G loss: 0.331537] [info loss: 1.469501]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 146/469] [D loss: 0.209343] [G loss: 0.331763] [info loss: 1.480776]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 147/469] [D loss: 0.218999] [G loss: 0.305595] [info loss: 1.468971]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 148/469] [D loss: 0.222521] [G loss: 0.289413] [info loss: 1.472103]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 149/469] [D loss: 0.212164] [G loss: 0.248604] [info loss: 1.470663]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 150/469] [D loss: 0.259818] [G loss: 0.312595] [info loss: 1.471856]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 151/469] [D loss: 0.206022] [G loss: 0.329012] [info loss: 1.469321]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 152/469] [D loss: 0.227709] [G loss: 0.348274] [info loss: 1.470537]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 153/469] [D loss: 0.239185] [G loss: 0.261629] [info loss: 1.470107]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 154/469] [D loss: 0.229262] [G loss: 0.252408] [info loss: 1.471899]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 155/469] [D loss: 0.234774] [G loss: 0.309783] [info loss: 1.472400]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 156/469] [D loss: 0.240891] [G loss: 0.300750] [info loss: 1.472004]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 157/469] [D loss: 0.229802] [G loss: 0.299345] [info loss: 1.472541]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[Epoch 4/200] [Batch 158/469] [D loss: 0.237211] [G loss: 0.267496] [info loss: 1.471493]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 159/469] [D loss: 0.232957] [G loss: 0.280473] [info loss: 1.471285]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 160/469] [D loss: 0.219384] [G loss: 0.341541] [info loss: 1.472741]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 161/469] [D loss: 0.235625] [G loss: 0.289296] [info loss: 1.469318]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 162/469] [D loss: 0.247542] [G loss: 0.289469] [info loss: 1.471523]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 163/469] [D loss: 0.214065] [G loss: 0.302081] [info loss: 1.469944]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 164/469] [D loss: 0.217284] [G loss: 0.288071] [info loss: 1.470810]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 165/469] [D loss: 0.263305] [G loss: 0.302527] [info loss: 1.470207]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 166/469] [D loss: 0.210490] [G loss: 0.280117] [info loss: 1.469358]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 167/469] [D loss: 0.200822] [G loss: 0.280751] [info loss: 1.470847]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 168/469] [D loss: 0.232866] [G loss: 0.325049] [info loss: 1.469916]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 169/469] [D loss: 0.252956] [G loss: 0.326816] [info loss: 1.471819]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 170/469] [D loss: 0.232742] [G loss: 0.272554] [info loss: 1.472134]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 171/469] [D loss: 0.225143] [G loss: 0.318034] [info loss: 1.473882]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 172/469] [D loss: 0.243157] [G loss: 0.317656] [info loss: 1.471359]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 173/469] [D loss: 0.206148] [G loss: 0.299497] [info loss: 1.472625]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 174/469] [D loss: 0.215944] [G loss: 0.253996] [info loss: 1.470088]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 175/469] [D loss: 0.224405] [G loss: 0.353664] [info loss: 1.469138]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 176/469] [D loss: 0.219289] [G loss: 0.309940] [info loss: 1.474503]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 177/469] [D loss: 0.215788] [G loss: 0.248820] [info loss: 1.475452]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 178/469] [D loss: 0.201082] [G loss: 0.344701] [info loss: 1.475198]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 179/469] [D loss: 0.220712] [G loss: 0.332424] [info loss: 1.472509]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 180/469] [D loss: 0.238734] [G loss: 0.357119] [info loss: 1.474845]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 181/469] [D loss: 0.231414] [G loss: 0.282599] [info loss: 1.477719]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 182/469] [D loss: 0.236525] [G loss: 0.261694] [info loss: 1.476894]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 183/469] [D loss: 0.243776] [G loss: 0.253621] [info loss: 1.472739]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 184/469] [D loss: 0.223747] [G loss: 0.310572] [info loss: 1.471245]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 185/469] [D loss: 0.214996] [G loss: 0.386804] [info loss: 1.473147]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 186/469] [D loss: 0.243983] [G loss: 0.356280] [info loss: 1.473362]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 187/469] [D loss: 0.219763] [G loss: 0.277154] [info loss: 1.473438]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 188/469] [D loss: 0.222569] [G loss: 0.263178] [info loss: 1.472604]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 189/469] [D loss: 0.239905] [G loss: 0.343144] [info loss: 1.471420]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 190/469] [D loss: 0.223999] [G loss: 0.307818] [info loss: 1.470153]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 191/469] [D loss: 0.210571] [G loss: 0.308451] [info loss: 1.472822]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 192/469] [D loss: 0.225571] [G loss: 0.257767] [info loss: 1.471863]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 193/469] [D loss: 0.231391] [G loss: 0.370087] [info loss: 1.471148]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 194/469] [D loss: 0.248215] [G loss: 0.331600] [info loss: 1.470439]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 195/469] [D loss: 0.272116] [G loss: 0.343677] [info loss: 1.480252]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 196/469] [D loss: 0.214560] [G loss: 0.274812] [info loss: 1.470083]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 197/469] [D loss: 0.221295] [G loss: 0.267544] [info loss: 1.470523]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 198/469] [D loss: 0.206255] [G loss: 0.367378] [info loss: 1.470165]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 199/469] [D loss: 0.228658] [G loss: 0.368119] [info loss: 1.468815]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 200/469] [D loss: 0.205218] [G loss: 0.337403] [info loss: 1.470458]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 201/469] [D loss: 0.232933] [G loss: 0.318108] [info loss: 1.473156]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 202/469] [D loss: 0.221381] [G loss: 0.335273] [info loss: 1.472089]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 203/469] [D loss: 0.205885] [G loss: 0.340102] [info loss: 1.471006]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 204/469] [D loss: 0.238581] [G loss: 0.242529] [info loss: 1.469445]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 205/469] [D loss: 0.218801] [G loss: 0.287751] [info loss: 1.472709]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 206/469] [D loss: 0.233386] [G loss: 0.390983] [info loss: 1.471521]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 207/469] [D loss: 0.206657] [G loss: 0.314024] [info loss: 1.471595]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 208/469] [D loss: 0.218101] [G loss: 0.286403] [info loss: 1.470444]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 209/469] [D loss: 0.235433] [G loss: 0.315416] [info loss: 1.473442]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 210/469] [D loss: 0.242752] [G loss: 0.355828] [info loss: 1.470068]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 211/469] [D loss: 0.198504] [G loss: 0.301375] [info loss: 1.471147]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 212/469] [D loss: 0.215793] [G loss: 0.340645] [info loss: 1.469693]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]

```



```

...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 213/469] [D loss: 0.226575] [G loss: 0.352379] [info loss: 1.473219]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 214/469] [D loss: 0.223059] [G loss: 0.296489] [info loss: 1.470668]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 215/469] [D loss: 0.210078] [G loss: 0.320002] [info loss: 1.472043]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 216/469] [D loss: 0.234176] [G loss: 0.414058] [info loss: 1.469184]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 217/469] [D loss: 0.224503] [G loss: 0.325261] [info loss: 1.469859]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 218/469] [D loss: 0.209019] [G loss: 0.317240] [info loss: 1.472747]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 219/469] [D loss: 0.196499] [G loss: 0.247851] [info loss: 1.469969]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 220/469] [D loss: 0.238906] [G loss: 0.343360] [info loss: 1.470136]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 221/469] [D loss: 0.229762] [G loss: 0.296583] [info loss: 1.472643]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 222/469] [D loss: 0.212039] [G loss: 0.248928] [info loss: 1.471927]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 223/469] [D loss: 0.208470] [G loss: 0.265665] [info loss: 1.471145]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 224/469] [D loss: 0.230679] [G loss: 0.308811] [info loss: 1.469676]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 225/469] [D loss: 0.229379] [G loss: 0.352755] [info loss: 1.468941]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 226/469] [D loss: 0.201536] [G loss: 0.372449] [info loss: 1.470050]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 227/469] [D loss: 0.224581] [G loss: 0.263451] [info loss: 1.479155]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 228/469] [D loss: 0.223466] [G loss: 0.275668] [info loss: 1.470416]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 229/469] [D loss: 0.219783] [G loss: 0.296628] [info loss: 1.472364]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 230/469] [D loss: 0.234462] [G loss: 0.324527] [info loss: 1.471404]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 231/469] [D loss: 0.225528] [G loss: 0.352222] [info loss: 1.469488]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 232/469] [D loss: 0.241435] [G loss: 0.274127] [info loss: 1.471311]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 233/469] [D loss: 0.236056] [G loss: 0.283659] [info loss: 1.470048]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 234/469] [D loss: 0.217753] [G loss: 0.381426] [info loss: 1.469880]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 235/469] [D loss: 0.210088] [G loss: 0.312483] [info loss: 1.474470]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 236/469] [D loss: 0.189348] [G loss: 0.295577] [info loss: 1.471489]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 237/469] [D loss: 0.225636] [G loss: 0.316432] [info loss: 1.474135]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 238/469] [D loss: 0.203918] [G loss: 0.288557] [info loss: 1.468919]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 239/469] [D loss: 0.213964] [G loss: 0.282871] [info loss: 1.470772]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 240/469] [D loss: 0.232351] [G loss: 0.247638] [info loss: 1.477904]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 241/469] [D loss: 0.229981] [G loss: 0.311418] [info loss: 1.471383]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 242/469] [D loss: 0.223005] [G loss: 0.346434] [info loss: 1.472900]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 243/469] [D loss: 0.217064] [G loss: 0.287360] [info loss: 1.474243]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 244/469] [D loss: 0.232577] [G loss: 0.278090] [info loss: 1.473474]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 245/469] [D loss: 0.232146] [G loss: 0.282741] [info loss: 1.479432]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 246/469] [D loss: 0.252309] [G loss: 0.339342] [info loss: 1.470795]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 247/469] [D loss: 0.270070] [G loss: 0.313620] [info loss: 1.473159]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 248/469] [D loss: 0.234841] [G loss: 0.294565] [info loss: 1.472060]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 249/469] [D loss: 0.205618] [G loss: 0.260830] [info loss: 1.470630]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 250/469] [D loss: 0.206871] [G loss: 0.330722] [info loss: 1.472026]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 251/469] [D loss: 0.254846] [G loss: 0.293806] [info loss: 1.469545]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 252/469] [D loss: 0.222761] [G loss: 0.345521] [info loss: 1.469469]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 253/469] [D loss: 0.213439] [G loss: 0.267602] [info loss: 1.471342]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 254/469] [D loss: 0.241245] [G loss: 0.284657] [info loss: 1.472990]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 255/469] [D loss: 0.217476] [G loss: 0.332306] [info loss: 1.477446]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 256/469] [D loss: 0.246268] [G loss: 0.324827] [info loss: 1.472787]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 257/469] [D loss: 0.205253] [G loss: 0.326898] [info loss: 1.474563]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 258/469] [D loss: 0.204700] [G loss: 0.266065] [info loss: 1.470989]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 259/469] [D loss: 0.240606] [G loss: 0.264589] [info loss: 1.470267]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 260/469] [D loss: 0.241421] [G loss: 0.317740] [info loss: 1.472409]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 261/469] [D loss: 0.216686] [G loss: 0.315073] [info loss: 1.469881]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 262/469] [D loss: 0.198490] [G loss: 0.333222] [info loss: 1.474594]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 263/469] [D loss: 0.193919] [G loss: 0.280678] [info loss: 1.470400]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 264/469] [D loss: 0.225660] [G loss: 0.311946] [info loss: 1.470275]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 265/469] [D loss: 0.216840] [G loss: 0.343162] [info loss: 1.470163]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 266/469] [D loss: 0.254041] [G loss: 0.373043] [info loss: 1.469763]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 267/469] [D loss: 0.225637] [G loss: 0.270688] [info loss: 1.470079]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 268/469] [D loss: 0.239483] [G loss: 0.309979] [info loss: 1.475632]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 269/469] [D loss: 0.224768] [G loss: 0.312385] [info loss: 1.469294]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 270/469] [D loss: 0.236107] [G loss: 0.308707] [info loss: 1.470448]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 271/469] [D loss: 0.229451] [G loss: 0.251700] [info loss: 1.469816]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 272/469] [D loss: 0.226689] [G loss: 0.212401] [info loss: 1.473655]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 273/469] [D loss: 0.226236] [G loss: 0.288621] [info loss: 1.470768]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 274/469] [D loss: 0.196379] [G loss: 0.332941] [info loss: 1.470260]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 275/469] [D loss: 0.231809] [G loss: 0.309970] [info loss: 1.471899]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 276/469] [D loss: 0.223552] [G loss: 0.391984] [info loss: 1.470148]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 277/469] [D loss: 0.240340] [G loss: 0.337962] [info loss: 1.469595]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 278/469] [D loss: 0.232522] [G loss: 0.363915] [info loss: 1.471427]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 279/469] [D loss: 0.231304] [G loss: 0.280976] [info loss: 1.471539]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 280/469] [D loss: 0.224666] [G loss: 0.280061] [info loss: 1.470640]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 281/469] [D loss: 0.232607] [G loss: 0.341844] [info loss: 1.469132]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 282/469] [D loss: 0.227545] [G loss: 0.262751] [info loss: 1.474723]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 283/469] [D loss: 0.238177] [G loss: 0.339467] [info loss: 1.471906]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 284/469] [D loss: 0.223410] [G loss: 0.365054] [info loss: 1.469945]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 285/469] [D loss: 0.225622] [G loss: 0.243378] [info loss: 1.471367]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 286/469] [D loss: 0.250660] [G loss: 0.275507] [info loss: 1.469339]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 287/469] [D loss: 0.226986] [G loss: 0.335245] [info loss: 1.469741]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 288/469] [D loss: 0.212906] [G loss: 0.354280] [info loss: 1.472703]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 289/469] [D loss: 0.228574] [G loss: 0.237689] [info loss: 1.477997]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 290/469] [D loss: 0.237452] [G loss: 0.254608] [info loss: 1.474774]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 291/469] [D loss: 0.217701] [G loss: 0.302589] [info loss: 1.470259]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 292/469] [D loss: 0.235461] [G loss: 0.322325] [info loss: 1.471944]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 293/469] [D loss: 0.197768] [G loss: 0.334466] [info loss: 1.477551]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 294/469] [D loss: 0.229002] [G loss: 0.368867] [info loss: 1.468718]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 295/469] [D loss: 0.199759] [G loss: 0.303557] [info loss: 1.472609]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 296/469] [D loss: 0.248215] [G loss: 0.313295] [info loss: 1.471769]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 297/469] [D loss: 0.219246] [G loss: 0.299699] [info loss: 1.470716]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 298/469] [D loss: 0.223801] [G loss: 0.322147] [info loss: 1.471366]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 299/469] [D loss: 0.222830] [G loss: 0.321797] [info loss: 1.468641]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 300/469] [D loss: 0.191022] [G loss: 0.313672] [info loss: 1.469037]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 301/469] [D loss: 0.244044] [G loss: 0.277265] [info loss: 1.470915]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 302/469] [D loss: 0.210416] [G loss: 0.273398] [info loss: 1.470247]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 303/469] [D loss: 0.225530] [G loss: 0.312140] [info loss: 1.471481]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 304/469] [D loss: 0.258883] [G loss: 0.259947] [info loss: 1.471614]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 305/469] [D loss: 0.240648] [G loss: 0.296824] [info loss: 1.471415]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 306/469] [D loss: 0.206704] [G loss: 0.259286] [info loss: 1.473817]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 307/469] [D loss: 0.217920] [G loss: 0.324778] [info loss: 1.470020]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 308/469] [D loss: 0.246836] [G loss: 0.330659] [info loss: 1.470399]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 309/469] [D loss: 0.221861] [G loss: 0.337092] [info loss: 1.472611]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 310/469] [D loss: 0.203758] [G loss: 0.279151] [info loss: 1.471562]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 311/469] [D loss: 0.216836] [G loss: 0.255542] [info loss: 1.468500]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 312/469] [D loss: 0.240628] [G loss: 0.303775] [info loss: 1.467884]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 313/469] [D loss: 0.208356] [G loss: 0.338387] [info loss: 1.469844]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 314/469] [D loss: 0.259893] [G loss: 0.354191] [info loss: 1.471229]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 315/469] [D loss: 0.231319] [G loss: 0.309481] [info loss: 1.475445]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 316/469] [D loss: 0.228868] [G loss: 0.252146] [info loss: 1.471788]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 317/469] [D loss: 0.246685] [G loss: 0.310714] [info loss: 1.472447]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 318/469] [D loss: 0.212213] [G loss: 0.424847] [info loss: 1.472391]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 319/469] [D loss: 0.228158] [G loss: 0.351762] [info loss: 1.471575]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 320/469] [D loss: 0.210287] [G loss: 0.260893] [info loss: 1.472214]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 321/469] [D loss: 0.247868] [G loss: 0.319748] [info loss: 1.469321]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 322/469] [D loss: 0.210557] [G loss: 0.298941] [info loss: 1.475876]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 323/469] [D loss: 0.228011] [G loss: 0.263171] [info loss: 1.469332]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 324/469] [D loss: 0.218097] [G loss: 0.338822] [info loss: 1.471382]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 325/469] [D loss: 0.228804] [G loss: 0.308545] [info loss: 1.472310]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 326/469] [D loss: 0.239316] [G loss: 0.320026] [info loss: 1.470953]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 327/469] [D loss: 0.214755] [G loss: 0.244585] [info loss: 1.468516]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 328/469] [D loss: 0.234978] [G loss: 0.295599] [info loss: 1.469747]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 329/469] [D loss: 0.206090] [G loss: 0.435774] [info loss: 1.468346]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 330/469] [D loss: 0.239552] [G loss: 0.394091] [info loss: 1.469497]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 331/469] [D loss: 0.239682] [G loss: 0.197154] [info loss: 1.469251]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 332/469] [D loss: 0.238884] [G loss: 0.276556] [info loss: 1.470206]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 333/469] [D loss: 0.218556] [G loss: 0.352745] [info loss: 1.469865]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 334/469] [D loss: 0.215212] [G loss: 0.334550] [info loss: 1.470651]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 335/469] [D loss: 0.230308] [G loss: 0.324865] [info loss: 1.471861]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 336/469] [D loss: 0.240288] [G loss: 0.283270] [info loss: 1.469481]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 337/469] [D loss: 0.190486] [G loss: 0.302846] [info loss: 1.470116]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 338/469] [D loss: 0.217936] [G loss: 0.322080] [info loss: 1.469921]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 339/469] [D loss: 0.230795] [G loss: 0.359453] [info loss: 1.470323]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 340/469] [D loss: 0.253577] [G loss: 0.301953] [info loss: 1.469464]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 341/469] [D loss: 0.224973] [G loss: 0.266456] [info loss: 1.473117]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 342/469] [D loss: 0.215575] [G loss: 0.314554] [info loss: 1.468657]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 343/469] [D loss: 0.224075] [G loss: 0.297302] [info loss: 1.471617]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 344/469] [D loss: 0.210215] [G loss: 0.274804] [info loss: 1.472011]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 345/469] [D loss: 0.217264] [G loss: 0.321302] [info loss: 1.470252]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 346/469] [D loss: 0.241413] [G loss: 0.284758] [info loss: 1.468175]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 347/469] [D loss: 0.226833] [G loss: 0.318969] [info loss: 1.476752]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 348/469] [D loss: 0.247126] [G loss: 0.341378] [info loss: 1.469944]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 349/469] [D loss: 0.244206] [G loss: 0.289257] [info loss: 1.470612]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

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```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 350/469] [D loss: 0.214119] [G loss: 0.303297] [info loss: 1.471658]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 351/469] [D loss: 0.205339] [G loss: 0.325891] [info loss: 1.469969]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 352/469] [D loss: 0.239584] [G loss: 0.295435] [info loss: 1.471438]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 353/469] [D loss: 0.233025] [G loss: 0.228909] [info loss: 1.469714]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 354/469] [D loss: 0.217512] [G loss: 0.307638] [info loss: 1.473201]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 355/469] [D loss: 0.214169] [G loss: 0.330163] [info loss: 1.469935]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 356/469] [D loss: 0.214843] [G loss: 0.351639] [info loss: 1.474347]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 357/469] [D loss: 0.208896] [G loss: 0.236606] [info loss: 1.472481]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 358/469] [D loss: 0.240233] [G loss: 0.232807] [info loss: 1.470945]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 359/469] [D loss: 0.229455] [G loss: 0.364427] [info loss: 1.472484]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 360/469] [D loss: 0.218430] [G loss: 0.332291] [info loss: 1.469118]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 361/469] [D loss: 0.224028] [G loss: 0.315747] [info loss: 1.469937]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 362/469] [D loss: 0.212800] [G loss: 0.287229] [info loss: 1.469716]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 363/469] [D loss: 0.224748] [G loss: 0.306608] [info loss: 1.471876]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 364/469] [D loss: 0.254348] [G loss: 0.282976] [info loss: 1.470503]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 365/469] [D loss: 0.196309] [G loss: 0.330181] [info loss: 1.469351]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 366/469] [D loss: 0.223968] [G loss: 0.296497] [info loss: 1.468246]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 367/469] [D loss: 0.252896] [G loss: 0.279640] [info loss: 1.470405]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 368/469] [D loss: 0.196063] [G loss: 0.319547] [info loss: 1.471094]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 369/469] [D loss: 0.212109] [G loss: 0.338385] [info loss: 1.470676]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 370/469] [D loss: 0.234092] [G loss: 0.312415] [info loss: 1.470037]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 371/469] [D loss: 0.247989] [G loss: 0.251784] [info loss: 1.469225]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 372/469] [D loss: 0.230045] [G loss: 0.338675] [info loss: 1.468737]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 373/469] [D loss: 0.246626] [G loss: 0.330715] [info loss: 1.471627]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 374/469] [D loss: 0.212393] [G loss: 0.263089] [info loss: 1.469700]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 375/469] [D loss: 0.218873] [G loss: 0.280353] [info loss: 1.474080]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 376/469] [D loss: 0.244726] [G loss: 0.330979] [info loss: 1.469797]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 377/469] [D loss: 0.245090] [G loss: 0.309545] [info loss: 1.470685]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 378/469] [D loss: 0.201668] [G loss: 0.288132] [info loss: 1.470439]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 379/469] [D loss: 0.252602] [G loss: 0.307072] [info loss: 1.470221]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 380/469] [D loss: 0.220595] [G loss: 0.342813] [info loss: 1.469215]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 381/469] [D loss: 0.248226] [G loss: 0.300514] [info loss: 1.469754]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 382/469] [D loss: 0.233759] [G loss: 0.260632] [info loss: 1.470405]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 383/469] [D loss: 0.219445] [G loss: 0.298501] [info loss: 1.471019]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 384/469] [D loss: 0.229935] [G loss: 0.319953] [info loss: 1.471275]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 385/469] [D loss: 0.238282] [G loss: 0.270648] [info loss: 1.469685]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 386/469] [D loss: 0.242882] [G loss: 0.252370] [info loss: 1.468837]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 387/469] [D loss: 0.228323] [G loss: 0.255470] [info loss: 1.471038]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 388/469] [D loss: 0.254867] [G loss: 0.260210] [info loss: 1.469806]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 389/469] [D loss: 0.225782] [G loss: 0.318638] [info loss: 1.469486]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 390/469] [D loss: 0.228789] [G loss: 0.323560] [info loss: 1.470408]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 391/469] [D loss: 0.229734] [G loss: 0.310370] [info loss: 1.474054]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 392/469] [D loss: 0.230414] [G loss: 0.329568] [info loss: 1.470053]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 393/469] [D loss: 0.223039] [G loss: 0.272256] [info loss: 1.468813]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 394/469] [D loss: 0.249652] [G loss: 0.291554] [info loss: 1.469011]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 395/469] [D loss: 0.242478] [G loss: 0.341168] [info loss: 1.470559]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 396/469] [D loss: 0.240226] [G loss: 0.378735] [info loss: 1.477986]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 397/469] [D loss: 0.248030] [G loss: 0.357353] [info loss: 1.472078]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 398/469] [D loss: 0.254186] [G loss: 0.267070] [info loss: 1.470123]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 399/469] [D loss: 0.240923] [G loss: 0.319532] [info loss: 1.468513]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 400/469] [D loss: 0.263144] [G loss: 0.274239] [info loss: 1.474797]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 401/469] [D loss: 0.243683] [G loss: 0.241542] [info loss: 1.469769]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 402/469] [D loss: 0.235960] [G loss: 0.327544] [info loss: 1.471011]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 403/469] [D loss: 0.235231] [G loss: 0.328258] [info loss: 1.470351]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 404/469] [D loss: 0.229581] [G loss: 0.268864] [info loss: 1.471185]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 405/469] [D loss: 0.250004] [G loss: 0.226257] [info loss: 1.470283]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 406/469] [D loss: 0.231758] [G loss: 0.273919] [info loss: 1.469508]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 407/469] [D loss: 0.228476] [G loss: 0.357120] [info loss: 1.469360]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 408/469] [D loss: 0.230070] [G loss: 0.314882] [info loss: 1.471109]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 409/469] [D loss: 0.216760] [G loss: 0.343771] [info loss: 1.474859]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 410/469] [D loss: 0.232886] [G loss: 0.275877] [info loss: 1.469670]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 411/469] [D loss: 0.229797] [G loss: 0.243861] [info loss: 1.470224]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 412/469] [D loss: 0.237739] [G loss: 0.344127] [info loss: 1.468073]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 413/469] [D loss: 0.229762] [G loss: 0.305674] [info loss: 1.469251]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 414/469] [D loss: 0.221260] [G loss: 0.257190] [info loss: 1.467329]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 415/469] [D loss: 0.228179] [G loss: 0.265640] [info loss: 1.473530]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 416/469] [D loss: 0.212338] [G loss: 0.364822] [info loss: 1.470192]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 417/469] [D loss: 0.249850] [G loss: 0.344777] [info loss: 1.471056]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 418/469] [D loss: 0.212988] [G loss: 0.320088] [info loss: 1.469807]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 419/469] [D loss: 0.214257] [G loss: 0.277144] [info loss: 1.469576]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 420/469] [D loss: 0.221216] [G loss: 0.304853] [info loss: 1.474205]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 421/469] [D loss: 0.216103] [G loss: 0.344959] [info loss: 1.469954]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 422/469] [D loss: 0.256169] [G loss: 0.396224] [info loss: 1.472651]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 423/469] [D loss: 0.220042] [G loss: 0.297991] [info loss: 1.470465]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 424/469] [D loss: 0.242288] [G loss: 0.246709] [info loss: 1.469510]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 425/469] [D loss: 0.226021] [G loss: 0.326552] [info loss: 1.471017]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 426/469] [D loss: 0.246329] [G loss: 0.339746] [info loss: 1.471719]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 427/469] [D loss: 0.193906] [G loss: 0.329776] [info loss: 1.468211]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 428/469] [D loss: 0.231009] [G loss: 0.299108] [info loss: 1.468309]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 429/469] [D loss: 0.239694] [G loss: 0.271678] [info loss: 1.470288]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 430/469] [D loss: 0.205771] [G loss: 0.377058] [info loss: 1.468677]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 431/469] [D loss: 0.206901] [G loss: 0.330257] [info loss: 1.469206]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 432/469] [D loss: 0.243819] [G loss: 0.232155] [info loss: 1.469202]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 433/469] [D loss: 0.240598] [G loss: 0.283511] [info loss: 1.470060]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 434/469] [D loss: 0.206357] [G loss: 0.300165] [info loss: 1.469932]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 435/469] [D loss: 0.241991] [G loss: 0.326052] [info loss: 1.470032]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 436/469] [D loss: 0.217998] [G loss: 0.270867] [info loss: 1.473898]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 437/469] [D loss: 0.193330] [G loss: 0.292047] [info loss: 1.474799]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 438/469] [D loss: 0.223011] [G loss: 0.334821] [info loss: 1.468750]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 439/469] [D loss: 0.230244] [G loss: 0.352080] [info loss: 1.468059]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 4/200] [Batch 440/469] [D loss: 0.210979] [G loss: 0.284368] [info loss: 1.470116]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 441/469] [D loss: 0.221084] [G loss: 0.292760] [info loss: 1.470754]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 442/469] [D loss: 0.216379] [G loss: 0.262948] [info loss: 1.468613]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 443/469] [D loss: 0.190955] [G loss: 0.338220] [info loss: 1.468997]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 444/469] [D loss: 0.229275] [G loss: 0.290450] [info loss: 1.469825]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 445/469] [D loss: 0.227310] [G loss: 0.296043] [info loss: 1.469752]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 446/469] [D loss: 0.246775] [G loss: 0.311941] [info loss: 1.470930]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 447/469] [D loss: 0.231483] [G loss: 0.334976] [info loss: 1.469604]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 448/469] [D loss: 0.239206] [G loss: 0.292002] [info loss: 1.474619]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 449/469] [D loss: 0.246385] [G loss: 0.250715] [info loss: 1.470193]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 450/469] [D loss: 0.225963] [G loss: 0.276644] [info loss: 1.475700]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 451/469] [D loss: 0.238185] [G loss: 0.325814] [info loss: 1.471615]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 452/469] [D loss: 0.221853] [G loss: 0.367524] [info loss: 1.471691]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 4/200] [Batch 453/469] [D loss: 0.234192] [G loss: 0.277014] [info loss: 1.471094]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 454/469] [D loss: 0.248189] [G loss: 0.291630] [info loss: 1.469501]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 455/469] [D loss: 0.214149] [G loss: 0.309856] [info loss: 1.468398]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 456/469] [D loss: 0.228389] [G loss: 0.280794] [info loss: 1.468173]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 457/469] [D loss: 0.227018] [G loss: 0.362501] [info loss: 1.468602]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 458/469] [D loss: 0.221488] [G loss: 0.349496] [info loss: 1.471212]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]

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```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 459/469] [D loss: 0.223061] [G loss: 0.293120] [info loss: 1.470322]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 460/469] [D loss: 0.226017] [G loss: 0.240257] [info loss: 1.469479]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 461/469] [D loss: 0.210797] [G loss: 0.311685] [info loss: 1.468077]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

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[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 462/469] [D loss: 0.201791] [G loss: 0.356466] [info loss: 1.469295]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 463/469] [D loss: 0.232167] [G loss: 0.296592] [info loss: 1.468868]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 464/469] [D loss: 0.199158] [G loss: 0.328774] [info loss: 1.472794]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 465/469] [D loss: 0.230498] [G loss: 0.259371] [info loss: 1.471572]

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```

[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 4/200] [Batch 466/469] [D loss: 0.219691] [G loss: 0.266891] [info loss: 1.471129]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 4/200] [Batch 467/469] [D loss: 0.223210] [G loss: 0.331517] [info loss: 1.474280]
[[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]

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[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]

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```

[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]

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763

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[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]]
[Epoch 4/200] [Batch 468/469] [D loss: 0.257027] [G loss: 0.279001] [info loss: 1.471111]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 0/469] [D loss: 0.228401] [G loss: 0.320052] [info loss: 1.472215]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 1/469] [D loss: 0.252830] [G loss: 0.286329] [info loss: 1.467495]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 2/469] [D loss: 0.243869] [G loss: 0.255790] [info loss: 1.469385]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 3/469] [D loss: 0.267002] [G loss: 0.278481] [info loss: 1.468888]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 4/469] [D loss: 0.217473] [G loss: 0.302294] [info loss: 1.469174]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 5/469] [D loss: 0.230197] [G loss: 0.303625] [info loss: 1.468378]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 6/469] [D loss: 0.237248] [G loss: 0.336603] [info loss: 1.469857]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 7/469] [D loss: 0.216075] [G loss: 0.371877] [info loss: 1.475760]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 8/469] [D loss: 0.231335] [G loss: 0.293522] [info loss: 1.468035]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 9/469] [D loss: 0.247361] [G loss: 0.257743] [info loss: 1.468782]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 10/469] [D loss: 0.234660] [G loss: 0.313682] [info loss: 1.469862]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 11/469] [D loss: 0.231438] [G loss: 0.330616] [info loss: 1.468958]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 12/469] [D loss: 0.216423] [G loss: 0.265063] [info loss: 1.470357]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]

```



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[Epoch 5/200] [Batch 13/469] [D loss: 0.250661] [G loss: 0.352244] [info loss: 1.473173]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 14/469] [D loss: 0.209981] [G loss: 0.325534] [info loss: 1.470748]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 15/469] [D loss: 0.239460] [G loss: 0.274087] [info loss: 1.470023]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 16/469] [D loss: 0.219951] [G loss: 0.312439] [info loss: 1.469338]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 17/469] [D loss: 0.257893] [G loss: 0.403465] [info loss: 1.468515]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 18/469] [D loss: 0.247080] [G loss: 0.194592] [info loss: 1.469506]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 19/469] [D loss: 0.208751] [G loss: 0.230348] [info loss: 1.469701]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 20/469] [D loss: 0.215761] [G loss: 0.318722] [info loss: 1.468737]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 21/469] [D loss: 0.221826] [G loss: 0.335371] [info loss: 1.468469]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 22/469] [D loss: 0.225675] [G loss: 0.291272] [info loss: 1.471155]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 23/469] [D loss: 0.238383] [G loss: 0.269887] [info loss: 1.471668]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 24/469] [D loss: 0.215492] [G loss: 0.365747] [info loss: 1.469908]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 25/469] [D loss: 0.223430] [G loss: 0.350569] [info loss: 1.472359]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 26/469] [D loss: 0.222233] [G loss: 0.295184] [info loss: 1.469398]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 27/469] [D loss: 0.248725] [G loss: 0.287908] [info loss: 1.469864]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 28/469] [D loss: 0.215049] [G loss: 0.366892] [info loss: 1.469884]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]

```

```

[Epoch 5/200] [Batch 29/469] [D loss: 0.217976] [G loss: 0.354054] [info loss: 1.466867]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 30/469] [D loss: 0.211581] [G loss: 0.323923] [info loss: 1.471364]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 31/469] [D loss: 0.222068] [G loss: 0.285593] [info loss: 1.469403]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 32/469] [D loss: 0.240401] [G loss: 0.345951] [info loss: 1.468974]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 33/469] [D loss: 0.196708] [G loss: 0.304587] [info loss: 1.470463]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 34/469] [D loss: 0.229318] [G loss: 0.356719] [info loss: 1.469451]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 35/469] [D loss: 0.211035] [G loss: 0.285740] [info loss: 1.470752]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 36/469] [D loss: 0.222091] [G loss: 0.310749] [info loss: 1.467663]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 37/469] [D loss: 0.228451] [G loss: 0.259579] [info loss: 1.469384]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 38/469] [D loss: 0.244335] [G loss: 0.264028] [info loss: 1.470865]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 39/469] [D loss: 0.245909] [G loss: 0.284472] [info loss: 1.470103]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 40/469] [D loss: 0.214109] [G loss: 0.282723] [info loss: 1.470292]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 41/469] [D loss: 0.203732] [G loss: 0.345490] [info loss: 1.470795]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 42/469] [D loss: 0.241557] [G loss: 0.286483] [info loss: 1.468497]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 43/469] [D loss: 0.229452] [G loss: 0.289698] [info loss: 1.468357]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 44/469] [D loss: 0.215767] [G loss: 0.296036] [info loss: 1.469038]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

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[Epoch 5/200] [Batch 45/469] [D loss: 0.243582] [G loss: 0.276582] [info loss: 1.470800]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 46/469] [D loss: 0.212772] [G loss: 0.296561] [info loss: 1.470320]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 47/469] [D loss: 0.231560] [G loss: 0.337055] [info loss: 1.468575]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 48/469] [D loss: 0.261235] [G loss: 0.280095] [info loss: 1.468215]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 49/469] [D loss: 0.219419] [G loss: 0.235296] [info loss: 1.469956]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 50/469] [D loss: 0.212915] [G loss: 0.327854] [info loss: 1.467267]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 51/469] [D loss: 0.243825] [G loss: 0.354434] [info loss: 1.471888]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 52/469] [D loss: 0.232375] [G loss: 0.312952] [info loss: 1.472783]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 53/469] [D loss: 0.212910] [G loss: 0.283967] [info loss: 1.470083]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 54/469] [D loss: 0.212571] [G loss: 0.320998] [info loss: 1.470543]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 55/469] [D loss: 0.225455] [G loss: 0.258600] [info loss: 1.471637]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 56/469] [D loss: 0.254398] [G loss: 0.270634] [info loss: 1.469713]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 57/469] [D loss: 0.222961] [G loss: 0.325792] [info loss: 1.471727]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 58/469] [D loss: 0.225278] [G loss: 0.299136] [info loss: 1.470285]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 59/469] [D loss: 0.211403] [G loss: 0.292183] [info loss: 1.468916]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 60/469] [D loss: 0.212277] [G loss: 0.342830] [info loss: 1.472791]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 61/469] [D loss: 0.262828] [G loss: 0.341942] [info loss: 1.470199]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 62/469] [D loss: 0.219943] [G loss: 0.263677] [info loss: 1.468626]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 63/469] [D loss: 0.220846] [G loss: 0.231859] [info loss: 1.471450]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 64/469] [D loss: 0.211734] [G loss: 0.301510] [info loss: 1.471585]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 65/469] [D loss: 0.221032] [G loss: 0.307031] [info loss: 1.470056]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 66/469] [D loss: 0.223924] [G loss: 0.311173] [info loss: 1.470092]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 67/469] [D loss: 0.218798] [G loss: 0.294632] [info loss: 1.467368]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 68/469] [D loss: 0.236498] [G loss: 0.311917] [info loss: 1.468308]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 69/469] [D loss: 0.219896] [G loss: 0.292519] [info loss: 1.468893]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 70/469] [D loss: 0.201567] [G loss: 0.265848] [info loss: 1.471396]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 71/469] [D loss: 0.244591] [G loss: 0.392479] [info loss: 1.469305]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 72/469] [D loss: 0.212670] [G loss: 0.364635] [info loss: 1.469085]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 73/469] [D loss: 0.234347] [G loss: 0.261056] [info loss: 1.468984]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 74/469] [D loss: 0.234796] [G loss: 0.282094] [info loss: 1.470064]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 75/469] [D loss: 0.220571] [G loss: 0.315840] [info loss: 1.469846]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 76/469] [D loss: 0.228254] [G loss: 0.300951] [info loss: 1.471490]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 77/469] [D loss: 0.224711] [G loss: 0.323215] [info loss: 1.472368]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 78/469] [D loss: 0.229214] [G loss: 0.327194] [info loss: 1.469972]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 79/469] [D loss: 0.236357] [G loss: 0.329058] [info loss: 1.467828]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 80/469] [D loss: 0.236119] [G loss: 0.217234] [info loss: 1.471415]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 81/469] [D loss: 0.211654] [G loss: 0.308356] [info loss: 1.472573]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 82/469] [D loss: 0.223133] [G loss: 0.332128] [info loss: 1.469418]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 83/469] [D loss: 0.232154] [G loss: 0.374378] [info loss: 1.470309]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 84/469] [D loss: 0.234035] [G loss: 0.295427] [info loss: 1.469712]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 85/469] [D loss: 0.238489] [G loss: 0.349934] [info loss: 1.470262]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 86/469] [D loss: 0.234435] [G loss: 0.313429] [info loss: 1.472778]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 87/469] [D loss: 0.236523] [G loss: 0.330402] [info loss: 1.468956]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 88/469] [D loss: 0.226123] [G loss: 0.328435] [info loss: 1.470082]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 89/469] [D loss: 0.227685] [G loss: 0.372832] [info loss: 1.470592]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 90/469] [D loss: 0.225642] [G loss: 0.225034] [info loss: 1.468584]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 91/469] [D loss: 0.214619] [G loss: 0.237054] [info loss: 1.470737]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 92/469] [D loss: 0.216143] [G loss: 0.267264] [info loss: 1.473516]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]

```

```

[Epoch 5/200] [Batch 93/469] [D loss: 0.208508] [G loss: 0.358159] [info loss: 1.473543]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 94/469] [D loss: 0.213447] [G loss: 0.321330] [info loss: 1.470296]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 95/469] [D loss: 0.240601] [G loss: 0.245439] [info loss: 1.469965]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 96/469] [D loss: 0.230159] [G loss: 0.213572] [info loss: 1.468827]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 97/469] [D loss: 0.234709] [G loss: 0.356014] [info loss: 1.470627]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 98/469] [D loss: 0.203582] [G loss: 0.349719] [info loss: 1.472177]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 99/469] [D loss: 0.218784] [G loss: 0.327342] [info loss: 1.469810]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 100/469] [D loss: 0.239509] [G loss: 0.317650] [info loss: 1.480199]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 101/469] [D loss: 0.220194] [G loss: 0.305124] [info loss: 1.469857]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 102/469] [D loss: 0.232976] [G loss: 0.357201] [info loss: 1.471163]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 103/469] [D loss: 0.237345] [G loss: 0.319632] [info loss: 1.466887]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 104/469] [D loss: 0.231352] [G loss: 0.314247] [info loss: 1.469192]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 105/469] [D loss: 0.232958] [G loss: 0.295197] [info loss: 1.468619]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 106/469] [D loss: 0.202503] [G loss: 0.346022] [info loss: 1.472810]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]]
[Epoch 5/200] [Batch 107/469] [D loss: 0.250320] [G loss: 0.308412] [info loss: 1.470455]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]]
[Epoch 5/200] [Batch 108/469] [D loss: 0.251463] [G loss: 0.237282] [info loss: 1.476902]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]]

```

```

[Epoch 5/200] [Batch 109/469] [D loss: 0.229700] [G loss: 0.266790] [info loss: 1.470965]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 110/469] [D loss: 0.231080] [G loss: 0.236899] [info loss: 1.468632]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 111/469] [D loss: 0.259888] [G loss: 0.297462] [info loss: 1.469972]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 112/469] [D loss: 0.232304] [G loss: 0.301047] [info loss: 1.470094]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 113/469] [D loss: 0.238881] [G loss: 0.258885] [info loss: 1.469940]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 114/469] [D loss: 0.237482] [G loss: 0.349600] [info loss: 1.469467]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 115/469] [D loss: 0.243630] [G loss: 0.257691] [info loss: 1.477167]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 116/469] [D loss: 0.218440] [G loss: 0.270769] [info loss: 1.468002]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 117/469] [D loss: 0.217870] [G loss: 0.282251] [info loss: 1.469253]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 118/469] [D loss: 0.209035] [G loss: 0.329828] [info loss: 1.469035]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 119/469] [D loss: 0.243045] [G loss: 0.322908] [info loss: 1.469091]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 120/469] [D loss: 0.215233] [G loss: 0.291310] [info loss: 1.468490]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 121/469] [D loss: 0.209926] [G loss: 0.277491] [info loss: 1.469832]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 122/469] [D loss: 0.253321] [G loss: 0.312501] [info loss: 1.470332]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 123/469] [D loss: 0.227158] [G loss: 0.287961] [info loss: 1.468169]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 124/469] [D loss: 0.241550] [G loss: 0.362737] [info loss: 1.469957]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[Epoch 5/200] [Batch 125/469] [D loss: 0.204426] [G loss: 0.299539] [info loss: 1.474535]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 126/469] [D loss: 0.202461] [G loss: 0.265409] [info loss: 1.467806]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 127/469] [D loss: 0.253539] [G loss: 0.270968] [info loss: 1.469911]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 128/469] [D loss: 0.212296] [G loss: 0.345789] [info loss: 1.476265]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 129/469] [D loss: 0.210540] [G loss: 0.290660] [info loss: 1.468401]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 130/469] [D loss: 0.227087] [G loss: 0.267791] [info loss: 1.475403]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 131/469] [D loss: 0.203338] [G loss: 0.256740] [info loss: 1.471666]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 132/469] [D loss: 0.204245] [G loss: 0.308610] [info loss: 1.469355]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 133/469] [D loss: 0.239316] [G loss: 0.308497] [info loss: 1.469088]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 134/469] [D loss: 0.239861] [G loss: 0.298523] [info loss: 1.469403]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 135/469] [D loss: 0.225318] [G loss: 0.287261] [info loss: 1.473786]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 136/469] [D loss: 0.239060] [G loss: 0.366932] [info loss: 1.468561]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 137/469] [D loss: 0.212930] [G loss: 0.375457] [info loss: 1.470342]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 138/469] [D loss: 0.249765] [G loss: 0.278714] [info loss: 1.469393]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 139/469] [D loss: 0.227362] [G loss: 0.254981] [info loss: 1.471425]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 140/469] [D loss: 0.228760] [G loss: 0.312305] [info loss: 1.473265]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```



```

[Epoch 5/200] [Batch 141/469] [D loss: 0.269817] [G loss: 0.313433] [info loss: 1.472116]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 142/469] [D loss: 0.245502] [G loss: 0.338011] [info loss: 1.476509]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 143/469] [D loss: 0.216235] [G loss: 0.320119] [info loss: 1.471926]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 144/469] [D loss: 0.232544] [G loss: 0.279992] [info loss: 1.470536]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 145/469] [D loss: 0.227185] [G loss: 0.371027] [info loss: 1.468917]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 146/469] [D loss: 0.240272] [G loss: 0.333503] [info loss: 1.470177]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 147/469] [D loss: 0.208733] [G loss: 0.243679] [info loss: 1.469626]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 148/469] [D loss: 0.267207] [G loss: 0.323613] [info loss: 1.470029]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 149/469] [D loss: 0.242640] [G loss: 0.362087] [info loss: 1.471738]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 150/469] [D loss: 0.238741] [G loss: 0.234038] [info loss: 1.470389]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 151/469] [D loss: 0.228971] [G loss: 0.273252] [info loss: 1.468834]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 152/469] [D loss: 0.231772] [G loss: 0.256760] [info loss: 1.468490]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 153/469] [D loss: 0.192937] [G loss: 0.295300] [info loss: 1.468113]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 154/469] [D loss: 0.226635] [G loss: 0.318628] [info loss: 1.468990]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 155/469] [D loss: 0.233393] [G loss: 0.271605] [info loss: 1.467141]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 156/469] [D loss: 0.239631] [G loss: 0.313170] [info loss: 1.470783]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 157/469] [D loss: 0.203953] [G loss: 0.307311] [info loss: 1.468923]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 158/469] [D loss: 0.211357] [G loss: 0.340883] [info loss: 1.480610]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 159/469] [D loss: 0.232135] [G loss: 0.256133] [info loss: 1.471472]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 160/469] [D loss: 0.226920] [G loss: 0.293334] [info loss: 1.467879]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 161/469] [D loss: 0.231416] [G loss: 0.325984] [info loss: 1.469036]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 162/469] [D loss: 0.254401] [G loss: 0.343938] [info loss: 1.470363]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 163/469] [D loss: 0.246953] [G loss: 0.301370] [info loss: 1.469696]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 164/469] [D loss: 0.233260] [G loss: 0.323981] [info loss: 1.467444]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 165/469] [D loss: 0.240560] [G loss: 0.356615] [info loss: 1.476475]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 166/469] [D loss: 0.255934] [G loss: 0.265459] [info loss: 1.469798]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 167/469] [D loss: 0.226744] [G loss: 0.310337] [info loss: 1.469434]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 168/469] [D loss: 0.233803] [G loss: 0.336450] [info loss: 1.468871]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 169/469] [D loss: 0.231202] [G loss: 0.319888] [info loss: 1.470029]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 170/469] [D loss: 0.233963] [G loss: 0.285762] [info loss: 1.469405]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 171/469] [D loss: 0.247721] [G loss: 0.246977] [info loss: 1.468881]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 172/469] [D loss: 0.217609] [G loss: 0.259048] [info loss: 1.469090]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 173/469] [D loss: 0.232363] [G loss: 0.283243] [info loss: 1.467887]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 174/469] [D loss: 0.235253] [G loss: 0.295749] [info loss: 1.469049]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 175/469] [D loss: 0.200804] [G loss: 0.251805] [info loss: 1.468809]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 176/469] [D loss: 0.210341] [G loss: 0.284723] [info loss: 1.469567]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 177/469] [D loss: 0.225304] [G loss: 0.303370] [info loss: 1.468235]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 178/469] [D loss: 0.256121] [G loss: 0.297124] [info loss: 1.469914]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 179/469] [D loss: 0.220782] [G loss: 0.317018] [info loss: 1.470582]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 180/469] [D loss: 0.240447] [G loss: 0.320762] [info loss: 1.469410]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 181/469] [D loss: 0.251340] [G loss: 0.331621] [info loss: 1.468501]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 182/469] [D loss: 0.223733] [G loss: 0.302761] [info loss: 1.469371]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 183/469] [D loss: 0.249691] [G loss: 0.291011] [info loss: 1.471642]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 184/469] [D loss: 0.208627] [G loss: 0.306055] [info loss: 1.469180]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 185/469] [D loss: 0.238799] [G loss: 0.340617] [info loss: 1.470323]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 186/469] [D loss: 0.261038] [G loss: 0.249192] [info loss: 1.469835]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 187/469] [D loss: 0.248657] [G loss: 0.296387] [info loss: 1.468106]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 188/469] [D loss: 0.215571] [G loss: 0.262864] [info loss: 1.472186]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 189/469] [D loss: 0.247842] [G loss: 0.244775] [info loss: 1.470102]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 190/469] [D loss: 0.269036] [G loss: 0.264553] [info loss: 1.470158]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 191/469] [D loss: 0.201752] [G loss: 0.348721] [info loss: 1.469783]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 192/469] [D loss: 0.248605] [G loss: 0.368512] [info loss: 1.471422]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 193/469] [D loss: 0.240511] [G loss: 0.305278] [info loss: 1.470558]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 194/469] [D loss: 0.214536] [G loss: 0.245302] [info loss: 1.468432]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 195/469] [D loss: 0.208883] [G loss: 0.300235] [info loss: 1.469423]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 196/469] [D loss: 0.228636] [G loss: 0.314688] [info loss: 1.467898]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 197/469] [D loss: 0.236146] [G loss: 0.335518] [info loss: 1.469073]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 198/469] [D loss: 0.228612] [G loss: 0.338676] [info loss: 1.470133]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 199/469] [D loss: 0.203748] [G loss: 0.300949] [info loss: 1.467942]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 200/469] [D loss: 0.205674] [G loss: 0.257993] [info loss: 1.470054]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 201/469] [D loss: 0.242642] [G loss: 0.324745] [info loss: 1.469222]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 202/469] [D loss: 0.222439] [G loss: 0.351642] [info loss: 1.468186]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 203/469] [D loss: 0.227074] [G loss: 0.340155] [info loss: 1.470380]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 204/469] [D loss: 0.256466] [G loss: 0.271053] [info loss: 1.470794]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 205/469] [D loss: 0.242362] [G loss: 0.271157] [info loss: 1.470762]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 206/469] [D loss: 0.247935] [G loss: 0.331411] [info loss: 1.469387]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 207/469] [D loss: 0.229036] [G loss: 0.285628] [info loss: 1.468985]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 208/469] [D loss: 0.239244] [G loss: 0.268143] [info loss: 1.468588]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 209/469] [D loss: 0.234710] [G loss: 0.249641] [info loss: 1.468875]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 210/469] [D loss: 0.231895] [G loss: 0.365840] [info loss: 1.469416]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 211/469] [D loss: 0.240499] [G loss: 0.325020] [info loss: 1.470249]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 212/469] [D loss: 0.242967] [G loss: 0.314007] [info loss: 1.469117]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 213/469] [D loss: 0.222337] [G loss: 0.267006] [info loss: 1.468927]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 214/469] [D loss: 0.217731] [G loss: 0.285431] [info loss: 1.467375]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 215/469] [D loss: 0.211935] [G loss: 0.308643] [info loss: 1.469848]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 216/469] [D loss: 0.264263] [G loss: 0.299800] [info loss: 1.475505]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 217/469] [D loss: 0.212612] [G loss: 0.291372] [info loss: 1.471744]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 218/469] [D loss: 0.224260] [G loss: 0.288113] [info loss: 1.469570]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 219/469] [D loss: 0.224891] [G loss: 0.310110] [info loss: 1.469844]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 220/469] [D loss: 0.248486] [G loss: 0.381244] [info loss: 1.471966]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 221/469] [D loss: 0.248753] [G loss: 0.239192] [info loss: 1.470852]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 222/469] [D loss: 0.227467] [G loss: 0.313690] [info loss: 1.468140]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 223/469] [D loss: 0.224975] [G loss: 0.302320] [info loss: 1.468949]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 224/469] [D loss: 0.278374] [G loss: 0.334213] [info loss: 1.468469]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 225/469] [D loss: 0.224776] [G loss: 0.320233] [info loss: 1.468609]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 226/469] [D loss: 0.205650] [G loss: 0.356528] [info loss: 1.469709]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 227/469] [D loss: 0.251245] [G loss: 0.336263] [info loss: 1.470207]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 228/469] [D loss: 0.235592] [G loss: 0.304513] [info loss: 1.471638]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 229/469] [D loss: 0.237285] [G loss: 0.362083] [info loss: 1.467988]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 230/469] [D loss: 0.238997] [G loss: 0.325205] [info loss: 1.468653]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 231/469] [D loss: 0.233261] [G loss: 0.250731] [info loss: 1.468442]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 232/469] [D loss: 0.236419] [G loss: 0.234264] [info loss: 1.467837]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 233/469] [D loss: 0.257772] [G loss: 0.272224] [info loss: 1.468321]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 234/469] [D loss: 0.213733] [G loss: 0.271988] [info loss: 1.469353]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 235/469] [D loss: 0.221183] [G loss: 0.374017] [info loss: 1.471556]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 236/469] [D loss: 0.223683] [G loss: 0.303850] [info loss: 1.469355]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 237/469] [D loss: 0.234187] [G loss: 0.320218] [info loss: 1.467699]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 238/469] [D loss: 0.201211] [G loss: 0.331960] [info loss: 1.469034]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 239/469] [D loss: 0.269241] [G loss: 0.277974] [info loss: 1.468591]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 240/469] [D loss: 0.232446] [G loss: 0.311067] [info loss: 1.472265]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 241/469] [D loss: 0.228301] [G loss: 0.306680] [info loss: 1.468361]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 242/469] [D loss: 0.236606] [G loss: 0.337646] [info loss: 1.469321]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 243/469] [D loss: 0.217417] [G loss: 0.311135] [info loss: 1.468186]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 244/469] [D loss: 0.237375] [G loss: 0.233316] [info loss: 1.470054]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 245/469] [D loss: 0.225105] [G loss: 0.310687] [info loss: 1.467932]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 246/469] [D loss: 0.225153] [G loss: 0.338302] [info loss: 1.469510]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 247/469] [D loss: 0.238765] [G loss: 0.388702] [info loss: 1.472072]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 248/469] [D loss: 0.243737] [G loss: 0.250175] [info loss: 1.469236]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 249/469] [D loss: 0.246567] [G loss: 0.234633] [info loss: 1.467858]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 250/469] [D loss: 0.209692] [G loss: 0.385734] [info loss: 1.471060]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 251/469] [D loss: 0.234993] [G loss: 0.327527] [info loss: 1.468771]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 252/469] [D loss: 0.207452] [G loss: 0.291461] [info loss: 1.469748]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[Epoch 5/200] [Batch 253/469] [D loss: 0.238076] [G loss: 0.275997] [info loss: 1.469944]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 254/469] [D loss: 0.234001] [G loss: 0.282634] [info loss: 1.467556]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 255/469] [D loss: 0.226368] [G loss: 0.334583] [info loss: 1.468627]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 256/469] [D loss: 0.244225] [G loss: 0.302584] [info loss: 1.470864]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 257/469] [D loss: 0.223005] [G loss: 0.319716] [info loss: 1.468708]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 258/469] [D loss: 0.206501] [G loss: 0.345505] [info loss: 1.470352]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 259/469] [D loss: 0.234660] [G loss: 0.289809] [info loss: 1.468580]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 260/469] [D loss: 0.209404] [G loss: 0.243045] [info loss: 1.469703]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 261/469] [D loss: 0.225806] [G loss: 0.290714] [info loss: 1.469568]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 262/469] [D loss: 0.224459] [G loss: 0.359237] [info loss: 1.470958]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 263/469] [D loss: 0.228993] [G loss: 0.318681] [info loss: 1.470413]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 264/469] [D loss: 0.218509] [G loss: 0.273555] [info loss: 1.468052]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 265/469] [D loss: 0.227393] [G loss: 0.284167] [info loss: 1.466860]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 266/469] [D loss: 0.216736] [G loss: 0.348726] [info loss: 1.470164]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 267/469] [D loss: 0.204960] [G loss: 0.311876] [info loss: 1.470010]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 268/469] [D loss: 0.252993] [G loss: 0.275833] [info loss: 1.468483]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```



```

[Epoch 5/200] [Batch 269/469] [D loss: 0.244210] [G loss: 0.251876] [info loss: 1.469012]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 270/469] [D loss: 0.222504] [G loss: 0.260792] [info loss: 1.468025]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 271/469] [D loss: 0.235814] [G loss: 0.290172] [info loss: 1.469535]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 272/469] [D loss: 0.216918] [G loss: 0.286544] [info loss: 1.469147]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 273/469] [D loss: 0.251130] [G loss: 0.284966] [info loss: 1.468746]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 274/469] [D loss: 0.224023] [G loss: 0.327014] [info loss: 1.467633]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 275/469] [D loss: 0.219278] [G loss: 0.353298] [info loss: 1.467944]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 276/469] [D loss: 0.259753] [G loss: 0.230276] [info loss: 1.468199]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 277/469] [D loss: 0.234731] [G loss: 0.284745] [info loss: 1.467221]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 278/469] [D loss: 0.240474] [G loss: 0.363494] [info loss: 1.471481]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 279/469] [D loss: 0.229512] [G loss: 0.283822] [info loss: 1.467756]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 280/469] [D loss: 0.236368] [G loss: 0.338813] [info loss: 1.468854]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 281/469] [D loss: 0.232379] [G loss: 0.304584] [info loss: 1.469197]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 282/469] [D loss: 0.234594] [G loss: 0.280587] [info loss: 1.467393]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 283/469] [D loss: 0.217928] [G loss: 0.304331] [info loss: 1.468333]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 284/469] [D loss: 0.213449] [G loss: 0.281322] [info loss: 1.467857]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]

```

```

[Epoch 5/200] [Batch 285/469] [D loss: 0.231833] [G loss: 0.286689] [info loss: 1.469988]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 286/469] [D loss: 0.242962] [G loss: 0.283021] [info loss: 1.469584]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 287/469] [D loss: 0.231253] [G loss: 0.368493] [info loss: 1.467958]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 288/469] [D loss: 0.264380] [G loss: 0.337541] [info loss: 1.471679]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 289/469] [D loss: 0.228562] [G loss: 0.249355] [info loss: 1.468540]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 290/469] [D loss: 0.229327] [G loss: 0.305301] [info loss: 1.467702]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 291/469] [D loss: 0.225399] [G loss: 0.295550] [info loss: 1.468085]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 292/469] [D loss: 0.244225] [G loss: 0.283040] [info loss: 1.470983]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 293/469] [D loss: 0.257058] [G loss: 0.258560] [info loss: 1.471408]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 294/469] [D loss: 0.221088] [G loss: 0.292670] [info loss: 1.469508]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]

```



```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 295/469] [D loss: 0.206985] [G loss: 0.314878] [info loss: 1.468698]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 296/469] [D loss: 0.260428] [G loss: 0.292462] [info loss: 1.470174]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 297/469] [D loss: 0.224427] [G loss: 0.350082] [info loss: 1.470807]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 298/469] [D loss: 0.199532] [G loss: 0.331768] [info loss: 1.472953]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 299/469] [D loss: 0.212738] [G loss: 0.342927] [info loss: 1.469474]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 300/469] [D loss: 0.226304] [G loss: 0.242088] [info loss: 1.469079]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 301/469] [D loss: 0.258644] [G loss: 0.260361] [info loss: 1.475074]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 302/469] [D loss: 0.253265] [G loss: 0.234127] [info loss: 1.468112]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 303/469] [D loss: 0.211077] [G loss: 0.309009] [info loss: 1.470363]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 304/469] [D loss: 0.256656] [G loss: 0.304464] [info loss: 1.468830]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 305/469] [D loss: 0.230448] [G loss: 0.282349] [info loss: 1.469787]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 306/469] [D loss: 0.224196] [G loss: 0.262127] [info loss: 1.471671]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 307/469] [D loss: 0.244459] [G loss: 0.352250] [info loss: 1.469725]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 308/469] [D loss: 0.232619] [G loss: 0.306316] [info loss: 1.471746]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 309/469] [D loss: 0.250731] [G loss: 0.316102] [info loss: 1.469555]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 310/469] [D loss: 0.248847] [G loss: 0.232423] [info loss: 1.469111]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 311/469] [D loss: 0.207771] [G loss: 0.273885] [info loss: 1.469243]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 312/469] [D loss: 0.229840] [G loss: 0.353075] [info loss: 1.468432]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 313/469] [D loss: 0.218511] [G loss: 0.261747] [info loss: 1.468145]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 314/469] [D loss: 0.207551] [G loss: 0.260071] [info loss: 1.468976]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 315/469] [D loss: 0.239963] [G loss: 0.320463] [info loss: 1.469213]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 316/469] [D loss: 0.236942] [G loss: 0.327088] [info loss: 1.468272]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]

```

```

[Epoch 5/200] [Batch 317/469] [D loss: 0.213024] [G loss: 0.277135] [info loss: 1.469701]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 318/469] [D loss: 0.225105] [G loss: 0.278854] [info loss: 1.471775]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 319/469] [D loss: 0.196834] [G loss: 0.291019] [info loss: 1.467760]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 320/469] [D loss: 0.227683] [G loss: 0.349338] [info loss: 1.467165]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 321/469] [D loss: 0.218556] [G loss: 0.367140] [info loss: 1.466925]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 322/469] [D loss: 0.222005] [G loss: 0.339840] [info loss: 1.467929]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 323/469] [D loss: 0.226135] [G loss: 0.301297] [info loss: 1.469558]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 324/469] [D loss: 0.253130] [G loss: 0.289775] [info loss: 1.468761]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 325/469] [D loss: 0.229002] [G loss: 0.246150] [info loss: 1.467665]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 326/469] [D loss: 0.195540] [G loss: 0.287717] [info loss: 1.468035]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 327/469] [D loss: 0.236069] [G loss: 0.283777] [info loss: 1.469997]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 328/469] [D loss: 0.233700] [G loss: 0.313905] [info loss: 1.469271]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 329/469] [D loss: 0.220947] [G loss: 0.256488] [info loss: 1.468530]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 330/469] [D loss: 0.215556] [G loss: 0.300685] [info loss: 1.469144]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 331/469] [D loss: 0.216004] [G loss: 0.246966] [info loss: 1.467524]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 332/469] [D loss: 0.217629] [G loss: 0.309711] [info loss: 1.467497]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[Epoch 5/200] [Batch 333/469] [D loss: 0.230042] [G loss: 0.290357] [info loss: 1.468665]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 334/469] [D loss: 0.233938] [G loss: 0.243327] [info loss: 1.469209]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 335/469] [D loss: 0.243076] [G loss: 0.294958] [info loss: 1.468100]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 336/469] [D loss: 0.239564] [G loss: 0.270548] [info loss: 1.467887]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 337/469] [D loss: 0.237734] [G loss: 0.347465] [info loss: 1.468524]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 338/469] [D loss: 0.202761] [G loss: 0.314936] [info loss: 1.468099]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 339/469] [D loss: 0.210360] [G loss: 0.275722] [info loss: 1.470687]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 340/469] [D loss: 0.222167] [G loss: 0.291436] [info loss: 1.467660]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 341/469] [D loss: 0.266789] [G loss: 0.255486] [info loss: 1.466940]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 342/469] [D loss: 0.255606] [G loss: 0.212263] [info loss: 1.468957]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 343/469] [D loss: 0.239530] [G loss: 0.337176] [info loss: 1.468316]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 344/469] [D loss: 0.245599] [G loss: 0.339944] [info loss: 1.467565]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 345/469] [D loss: 0.229462] [G loss: 0.383487] [info loss: 1.468353]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 346/469] [D loss: 0.229396] [G loss: 0.289325] [info loss: 1.469455]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 347/469] [D loss: 0.245177] [G loss: 0.315895] [info loss: 1.467457]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 348/469] [D loss: 0.221377] [G loss: 0.356810] [info loss: 1.469454]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 349/469] [D loss: 0.244309] [G loss: 0.314036] [info loss: 1.470826]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 350/469] [D loss: 0.219820] [G loss: 0.337145] [info loss: 1.467916]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 351/469] [D loss: 0.230670] [G loss: 0.292706] [info loss: 1.468830]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 352/469] [D loss: 0.213523] [G loss: 0.267267] [info loss: 1.467612]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 353/469] [D loss: 0.206945] [G loss: 0.304473] [info loss: 1.468484]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 354/469] [D loss: 0.227033] [G loss: 0.276493] [info loss: 1.468396]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 355/469] [D loss: 0.261713] [G loss: 0.279884] [info loss: 1.467766]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 356/469] [D loss: 0.233541] [G loss: 0.245800] [info loss: 1.467372]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 357/469] [D loss: 0.213179] [G loss: 0.268172] [info loss: 1.469149]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 358/469] [D loss: 0.231154] [G loss: 0.265682] [info loss: 1.469290]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 359/469] [D loss: 0.218168] [G loss: 0.307275] [info loss: 1.468231]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 360/469] [D loss: 0.215869] [G loss: 0.323000] [info loss: 1.468600]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 361/469] [D loss: 0.210127] [G loss: 0.260896] [info loss: 1.467438]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 362/469] [D loss: 0.233673] [G loss: 0.287131] [info loss: 1.469305]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 363/469] [D loss: 0.233075] [G loss: 0.359945] [info loss: 1.469047]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 364/469] [D loss: 0.204561] [G loss: 0.303211] [info loss: 1.467492]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 365/469] [D loss: 0.230579] [G loss: 0.311963] [info loss: 1.468199]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 366/469] [D loss: 0.220054] [G loss: 0.309197] [info loss: 1.475875]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 367/469] [D loss: 0.220243] [G loss: 0.194755] [info loss: 1.469210]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 368/469] [D loss: 0.218894] [G loss: 0.288083] [info loss: 1.468091]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 369/469] [D loss: 0.216567] [G loss: 0.345287] [info loss: 1.469291]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 370/469] [D loss: 0.213137] [G loss: 0.220594] [info loss: 1.468316]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 371/469] [D loss: 0.244784] [G loss: 0.225291] [info loss: 1.468961]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```



```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 372/469] [D loss: 0.238495] [G loss: 0.307548] [info loss: 1.467590]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 373/469] [D loss: 0.238491] [G loss: 0.339686] [info loss: 1.470462]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 374/469] [D loss: 0.244641] [G loss: 0.275599] [info loss: 1.467609]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 375/469] [D loss: 0.231189] [G loss: 0.334369] [info loss: 1.468945]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 376/469] [D loss: 0.254810] [G loss: 0.318724] [info loss: 1.469373]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 377/469] [D loss: 0.226046] [G loss: 0.319434] [info loss: 1.468793]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 378/469] [D loss: 0.252972] [G loss: 0.285620] [info loss: 1.468827]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 379/469] [D loss: 0.225804] [G loss: 0.272540] [info loss: 1.469853]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 380/469] [D loss: 0.214702] [G loss: 0.354895] [info loss: 1.467874]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 381/469] [D loss: 0.228326] [G loss: 0.281564] [info loss: 1.474337]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 382/469] [D loss: 0.251716] [G loss: 0.228446] [info loss: 1.468973]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 383/469] [D loss: 0.242466] [G loss: 0.317647] [info loss: 1.469652]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 384/469] [D loss: 0.278543] [G loss: 0.236736] [info loss: 1.467971]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 385/469] [D loss: 0.229305] [G loss: 0.316016] [info loss: 1.467749]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 386/469] [D loss: 0.209729] [G loss: 0.333770] [info loss: 1.468284]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 387/469] [D loss: 0.219219] [G loss: 0.264059] [info loss: 1.469890]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 388/469] [D loss: 0.231363] [G loss: 0.350968] [info loss: 1.468651]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 389/469] [D loss: 0.236391] [G loss: 0.327307] [info loss: 1.469173]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 390/469] [D loss: 0.251523] [G loss: 0.345631] [info loss: 1.470320]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 391/469] [D loss: 0.224859] [G loss: 0.337318] [info loss: 1.467157]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 392/469] [D loss: 0.216314] [G loss: 0.275355] [info loss: 1.467600]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 393/469] [D loss: 0.230543] [G loss: 0.318105] [info loss: 1.468230]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 394/469] [D loss: 0.234709] [G loss: 0.274404] [info loss: 1.469019]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 395/469] [D loss: 0.237921] [G loss: 0.299189] [info loss: 1.469728]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 396/469] [D loss: 0.227715] [G loss: 0.373506] [info loss: 1.470258]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]

```



```

[Epoch 5/200] [Batch 397/469] [D loss: 0.220382] [G loss: 0.355249] [info loss: 1.468059]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 398/469] [D loss: 0.263365] [G loss: 0.277120] [info loss: 1.469132]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 399/469] [D loss: 0.217346] [G loss: 0.315671] [info loss: 1.471705]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 400/469] [D loss: 0.229050] [G loss: 0.261132] [info loss: 1.468965]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 401/469] [D loss: 0.217506] [G loss: 0.280101] [info loss: 1.467853]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 402/469] [D loss: 0.226896] [G loss: 0.289949] [info loss: 1.467406]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 403/469] [D loss: 0.210806] [G loss: 0.303160] [info loss: 1.470027]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 404/469] [D loss: 0.233686] [G loss: 0.278826] [info loss: 1.467463]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 405/469] [D loss: 0.225018] [G loss: 0.273066] [info loss: 1.467995]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 406/469] [D loss: 0.252614] [G loss: 0.383817] [info loss: 1.467931]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 407/469] [D loss: 0.226122] [G loss: 0.341268] [info loss: 1.469936]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 408/469] [D loss: 0.239324] [G loss: 0.263064] [info loss: 1.469863]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 409/469] [D loss: 0.241068] [G loss: 0.251056] [info loss: 1.468914]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 410/469] [D loss: 0.256849] [G loss: 0.354109] [info loss: 1.470319]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 411/469] [D loss: 0.217858] [G loss: 0.335643] [info loss: 1.468173]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 412/469] [D loss: 0.249010] [G loss: 0.276452] [info loss: 1.469291]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 413/469] [D loss: 0.241232] [G loss: 0.323655] [info loss: 1.468493]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 414/469] [D loss: 0.244672] [G loss: 0.269639] [info loss: 1.467224]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 415/469] [D loss: 0.250314] [G loss: 0.321243] [info loss: 1.467145]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 416/469] [D loss: 0.211486] [G loss: 0.332187] [info loss: 1.468496]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 417/469] [D loss: 0.230666] [G loss: 0.372545] [info loss: 1.476583]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 418/469] [D loss: 0.229667] [G loss: 0.256942] [info loss: 1.469544]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 419/469] [D loss: 0.226038] [G loss: 0.314340] [info loss: 1.469080]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 420/469] [D loss: 0.235831] [G loss: 0.282798] [info loss: 1.468536]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 421/469] [D loss: 0.245776] [G loss: 0.348686] [info loss: 1.467389]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 422/469] [D loss: 0.257746] [G loss: 0.305004] [info loss: 1.469957]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 423/469] [D loss: 0.239084] [G loss: 0.255588] [info loss: 1.468999]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 424/469] [D loss: 0.213909] [G loss: 0.363902] [info loss: 1.470700]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 425/469] [D loss: 0.226350] [G loss: 0.322563] [info loss: 1.470782]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 426/469] [D loss: 0.224585] [G loss: 0.275016] [info loss: 1.472318]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 427/469] [D loss: 0.204118] [G loss: 0.259295] [info loss: 1.471199]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 428/469] [D loss: 0.221540] [G loss: 0.295468] [info loss: 1.468478]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 429/469] [D loss: 0.216716] [G loss: 0.272641] [info loss: 1.467284]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 430/469] [D loss: 0.211436] [G loss: 0.292790] [info loss: 1.470300]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 431/469] [D loss: 0.230366] [G loss: 0.384910] [info loss: 1.470973]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 432/469] [D loss: 0.229131] [G loss: 0.322816] [info loss: 1.467242]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 433/469] [D loss: 0.221616] [G loss: 0.316793] [info loss: 1.468124]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 434/469] [D loss: 0.252070] [G loss: 0.289124] [info loss: 1.468893]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 435/469] [D loss: 0.225343] [G loss: 0.270978] [info loss: 1.467584]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 436/469] [D loss: 0.233170] [G loss: 0.304296] [info loss: 1.468874]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 437/469] [D loss: 0.222181] [G loss: 0.340363] [info loss: 1.468968]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 438/469] [D loss: 0.224919] [G loss: 0.281813] [info loss: 1.467791]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 439/469] [D loss: 0.258369] [G loss: 0.385948] [info loss: 1.469101]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 440/469] [D loss: 0.225543] [G loss: 0.305951] [info loss: 1.468020]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 441/469] [D loss: 0.226400] [G loss: 0.255207] [info loss: 1.467883]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 442/469] [D loss: 0.247067] [G loss: 0.301123] [info loss: 1.468091]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 443/469] [D loss: 0.240987] [G loss: 0.306904] [info loss: 1.468731]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 444/469] [D loss: 0.247026] [G loss: 0.227392] [info loss: 1.468195]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 445/469] [D loss: 0.222888] [G loss: 0.325673] [info loss: 1.468598]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 446/469] [D loss: 0.232990] [G loss: 0.335896] [info loss: 1.467949]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 447/469] [D loss: 0.244803] [G loss: 0.273815] [info loss: 1.468077]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 448/469] [D loss: 0.201767] [G loss: 0.314604] [info loss: 1.467816]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 449/469] [D loss: 0.226455] [G loss: 0.314483] [info loss: 1.468770]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 450/469] [D loss: 0.217793] [G loss: 0.351734] [info loss: 1.469734]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 451/469] [D loss: 0.217124] [G loss: 0.283025] [info loss: 1.468121]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 452/469] [D loss: 0.207781] [G loss: 0.327954] [info loss: 1.467713]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 5/200] [Batch 453/469] [D loss: 0.212530] [G loss: 0.325233] [info loss: 1.469265]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 454/469] [D loss: 0.242817] [G loss: 0.248121] [info loss: 1.467722]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 455/469] [D loss: 0.238768] [G loss: 0.256957] [info loss: 1.467898]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 456/469] [D loss: 0.234915] [G loss: 0.271232] [info loss: 1.469378]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 457/469] [D loss: 0.220937] [G loss: 0.275759] [info loss: 1.468084]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 458/469] [D loss: 0.221009] [G loss: 0.333201] [info loss: 1.467610]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 5/200] [Batch 459/469] [D loss: 0.239300] [G loss: 0.356955] [info loss: 1.468252]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 460/469] [D loss: 0.234331] [G loss: 0.278132] [info loss: 1.468325]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

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```

[Epoch 5/200] [Batch 461/469] [D loss: 0.227268] [G loss: 0.284901] [info loss: 1.468005]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 462/469] [D loss: 0.221970] [G loss: 0.271942] [info loss: 1.469678]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 5/200] [Batch 463/469] [D loss: 0.216348] [G loss: 0.283859] [info loss: 1.467031]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 464/469] [D loss: 0.242666] [G loss: 0.282482] [info loss: 1.469197]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 465/469] [D loss: 0.228931] [G loss: 0.260164] [info loss: 1.466331]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 466/469] [D loss: 0.249968] [G loss: 0.292187] [info loss: 1.467339]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 5/200] [Batch 467/469] [D loss: 0.247278] [G loss: 0.347664] [info loss: 1.468899]
[[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]

```

[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]

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[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]

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[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]

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[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[Epoch 5/200] [Batch 468/469] [D loss: 0.239183] [G loss: 0.270152] [info loss: 1.467549]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...

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```

[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 0/469] [D loss: 0.257695] [G loss: 0.305923] [info loss: 1.468907]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 1/469] [D loss: 0.228076] [G loss: 0.298194] [info loss: 1.469709]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 2/469] [D loss: 0.225681] [G loss: 0.300258] [info loss: 1.468098]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

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```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 3/469] [D loss: 0.226328] [G loss: 0.296195] [info loss: 1.470935]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 4/469] [D loss: 0.202434] [G loss: 0.293379] [info loss: 1.472593]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 5/469] [D loss: 0.214079] [G loss: 0.274153] [info loss: 1.469617]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

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```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 6/469] [D loss: 0.239599] [G loss: 0.318106] [info loss: 1.469412]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 7/469] [D loss: 0.261565] [G loss: 0.264133] [info loss: 1.468058]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 8/469] [D loss: 0.237689] [G loss: 0.359700] [info loss: 1.469574]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]

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[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 9/469] [D loss: 0.218514] [G loss: 0.287176] [info loss: 1.467629]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 10/469] [D loss: 0.213130] [G loss: 0.294366] [info loss: 1.471728]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 11/469] [D loss: 0.252295] [G loss: 0.269437] [info loss: 1.469226]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 12/469] [D loss: 0.206837] [G loss: 0.354740] [info loss: 1.467578]
[[0. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 13/469] [D loss: 0.229733] [G loss: 0.367888] [info loss: 1.469323]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 14/469] [D loss: 0.227957] [G loss: 0.265947] [info loss: 1.473445]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 15/469] [D loss: 0.224519] [G loss: 0.308590] [info loss: 1.470058]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

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```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 16/469] [D loss: 0.205633] [G loss: 0.317138] [info loss: 1.468607]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 17/469] [D loss: 0.239842] [G loss: 0.274521] [info loss: 1.467888]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 18/469] [D loss: 0.202263] [G loss: 0.303383] [info loss: 1.467886]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 19/469] [D loss: 0.259806] [G loss: 0.345179] [info loss: 1.468868]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 20/469] [D loss: 0.228996] [G loss: 0.327161] [info loss: 1.468751]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 21/469] [D loss: 0.231285] [G loss: 0.292843] [info loss: 1.467902]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 22/469] [D loss: 0.237137] [G loss: 0.265749] [info loss: 1.467189]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 23/469] [D loss: 0.205085] [G loss: 0.357823] [info loss: 1.467813]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 24/469] [D loss: 0.217509] [G loss: 0.298509] [info loss: 1.468600]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

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```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 25/469] [D loss: 0.211004] [G loss: 0.336303] [info loss: 1.468411]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 26/469] [D loss: 0.233647] [G loss: 0.309999] [info loss: 1.467681]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 27/469] [D loss: 0.216175] [G loss: 0.202349] [info loss: 1.468176]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 28/469] [D loss: 0.248557] [G loss: 0.276113] [info loss: 1.472511]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 29/469] [D loss: 0.207838] [G loss: 0.352335] [info loss: 1.467228]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 30/469] [D loss: 0.229499] [G loss: 0.337889] [info loss: 1.467669]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 31/469] [D loss: 0.232531] [G loss: 0.280681] [info loss: 1.467466]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 32/469] [D loss: 0.222447] [G loss: 0.259832] [info loss: 1.470746]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 33/469] [D loss: 0.262413] [G loss: 0.346816] [info loss: 1.467971]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 34/469] [D loss: 0.186158] [G loss: 0.345411] [info loss: 1.468700]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 35/469] [D loss: 0.234113] [G loss: 0.255460] [info loss: 1.469655]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 36/469] [D loss: 0.238427] [G loss: 0.294994] [info loss: 1.466161]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 37/469] [D loss: 0.218199] [G loss: 0.291549] [info loss: 1.469251]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 38/469] [D loss: 0.238344] [G loss: 0.315269] [info loss: 1.468646]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 39/469] [D loss: 0.250297] [G loss: 0.271617] [info loss: 1.468774]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 40/469] [D loss: 0.254951] [G loss: 0.263283] [info loss: 1.468866]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 41/469] [D loss: 0.222506] [G loss: 0.319436] [info loss: 1.467966]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 42/469] [D loss: 0.235983] [G loss: 0.350228] [info loss: 1.469021]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 43/469] [D loss: 0.237115] [G loss: 0.270114] [info loss: 1.467798]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 44/469] [D loss: 0.235847] [G loss: 0.238739] [info loss: 1.469196]
[[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 45/469] [D loss: 0.228529] [G loss: 0.297829] [info loss: 1.468829]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 46/469] [D loss: 0.262772] [G loss: 0.238100] [info loss: 1.470646]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 47/469] [D loss: 0.208810] [G loss: 0.285031] [info loss: 1.467349]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 48/469] [D loss: 0.228529] [G loss: 0.355726] [info loss: 1.467428]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 49/469] [D loss: 0.225587] [G loss: 0.273480] [info loss: 1.467153]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 50/469] [D loss: 0.250111] [G loss: 0.288446] [info loss: 1.467498]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 51/469] [D loss: 0.214432] [G loss: 0.275847] [info loss: 1.469301]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 52/469] [D loss: 0.207806] [G loss: 0.326414] [info loss: 1.470702]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 53/469] [D loss: 0.279028] [G loss: 0.267756] [info loss: 1.468908]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 54/469] [D loss: 0.241467] [G loss: 0.309838] [info loss: 1.475130]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 55/469] [D loss: 0.208629] [G loss: 0.323005] [info loss: 1.470476]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 56/469] [D loss: 0.249872] [G loss: 0.325035] [info loss: 1.468896]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]

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```

[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 57/469] [D loss: 0.231672] [G loss: 0.305617] [info loss: 1.467955]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 58/469] [D loss: 0.250287] [G loss: 0.304016] [info loss: 1.469927]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 59/469] [D loss: 0.209572] [G loss: 0.364210] [info loss: 1.469186]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 60/469] [D loss: 0.235868] [G loss: 0.298102] [info loss: 1.467248]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 61/469] [D loss: 0.233992] [G loss: 0.308480] [info loss: 1.471036]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 62/469] [D loss: 0.209114] [G loss: 0.285737] [info loss: 1.468232]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 63/469] [D loss: 0.247870] [G loss: 0.294243] [info loss: 1.473269]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

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```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 64/469] [D loss: 0.251469] [G loss: 0.267043] [info loss: 1.468828]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 65/469] [D loss: 0.235574] [G loss: 0.347215] [info loss: 1.467552]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 66/469] [D loss: 0.235609] [G loss: 0.350691] [info loss: 1.468844]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 67/469] [D loss: 0.242958] [G loss: 0.243594] [info loss: 1.470960]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 68/469] [D loss: 0.245707] [G loss: 0.300793] [info loss: 1.468598]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 69/469] [D loss: 0.230526] [G loss: 0.300105] [info loss: 1.467824]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 70/469] [D loss: 0.243455] [G loss: 0.323336] [info loss: 1.470857]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 71/469] [D loss: 0.240187] [G loss: 0.244558] [info loss: 1.470651]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 72/469] [D loss: 0.241062] [G loss: 0.335640] [info loss: 1.470887]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 6/200] [Batch 73/469] [D loss: 0.274687] [G loss: 0.295909] [info loss: 1.466333]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 74/469] [D loss: 0.243641] [G loss: 0.296649] [info loss: 1.467859]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 75/469] [D loss: 0.225486] [G loss: 0.285036] [info loss: 1.467183]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 76/469] [D loss: 0.212154] [G loss: 0.300907] [info loss: 1.469422]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 77/469] [D loss: 0.215103] [G loss: 0.328255] [info loss: 1.469046]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 78/469] [D loss: 0.226081] [G loss: 0.269832] [info loss: 1.467449]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 79/469] [D loss: 0.230025] [G loss: 0.318209] [info loss: 1.469629]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 80/469] [D loss: 0.229639] [G loss: 0.346953] [info loss: 1.469717]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 81/469] [D loss: 0.242222] [G loss: 0.355679] [info loss: 1.469137]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 82/469] [D loss: 0.243766] [G loss: 0.249990] [info loss: 1.468590]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 83/469] [D loss: 0.256044] [G loss: 0.235508] [info loss: 1.468163]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 84/469] [D loss: 0.205541] [G loss: 0.381560] [info loss: 1.467466]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 85/469] [D loss: 0.233223] [G loss: 0.396177] [info loss: 1.474422]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 86/469] [D loss: 0.220625] [G loss: 0.324585] [info loss: 1.467650]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 87/469] [D loss: 0.239798] [G loss: 0.206354] [info loss: 1.470845]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 88/469] [D loss: 0.224343] [G loss: 0.292098] [info loss: 1.469528]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 6/200] [Batch 89/469] [D loss: 0.232423] [G loss: 0.371775] [info loss: 1.467154]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 90/469] [D loss: 0.236030] [G loss: 0.305770] [info loss: 1.468781]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 91/469] [D loss: 0.210190] [G loss: 0.336695] [info loss: 1.468522]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 92/469] [D loss: 0.232072] [G loss: 0.284961] [info loss: 1.468177]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 93/469] [D loss: 0.227717] [G loss: 0.276390] [info loss: 1.468135]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 94/469] [D loss: 0.226935] [G loss: 0.306401] [info loss: 1.470108]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 95/469] [D loss: 0.257344] [G loss: 0.351533] [info loss: 1.468702]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 96/469] [D loss: 0.232828] [G loss: 0.339524] [info loss: 1.467021]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 97/469] [D loss: 0.197783] [G loss: 0.218345] [info loss: 1.467575]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 98/469] [D loss: 0.209997] [G loss: 0.369588] [info loss: 1.467051]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 99/469] [D loss: 0.213881] [G loss: 0.340785] [info loss: 1.467694]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 100/469] [D loss: 0.219586] [G loss: 0.354560] [info loss: 1.469744]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 101/469] [D loss: 0.189994] [G loss: 0.365554] [info loss: 1.469372]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 102/469] [D loss: 0.231574] [G loss: 0.327884] [info loss: 1.467112]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 103/469] [D loss: 0.238229] [G loss: 0.283536] [info loss: 1.468528]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 104/469] [D loss: 0.212536] [G loss: 0.293626] [info loss: 1.469305]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 105/469] [D loss: 0.214652] [G loss: 0.420187] [info loss: 1.470140]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 106/469] [D loss: 0.246135] [G loss: 0.333431] [info loss: 1.468551]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 107/469] [D loss: 0.223678] [G loss: 0.298543] [info loss: 1.467872]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 108/469] [D loss: 0.223901] [G loss: 0.331082] [info loss: 1.468284]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 109/469] [D loss: 0.238469] [G loss: 0.312575] [info loss: 1.473176]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 110/469] [D loss: 0.214094] [G loss: 0.256695] [info loss: 1.468101]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 111/469] [D loss: 0.229653] [G loss: 0.294603] [info loss: 1.470081]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 112/469] [D loss: 0.246949] [G loss: 0.354974] [info loss: 1.468938]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 113/469] [D loss: 0.248573] [G loss: 0.294798] [info loss: 1.468976]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 114/469] [D loss: 0.257858] [G loss: 0.222764] [info loss: 1.471368]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 115/469] [D loss: 0.211520] [G loss: 0.287109] [info loss: 1.467414]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 116/469] [D loss: 0.259810] [G loss: 0.267251] [info loss: 1.468760]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 117/469] [D loss: 0.236534] [G loss: 0.333111] [info loss: 1.469268]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 118/469] [D loss: 0.244552] [G loss: 0.336071] [info loss: 1.468089]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 119/469] [D loss: 0.242017] [G loss: 0.291453] [info loss: 1.468284]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 120/469] [D loss: 0.222329] [G loss: 0.267195] [info loss: 1.468797]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 6/200] [Batch 121/469] [D loss: 0.232367] [G loss: 0.266303] [info loss: 1.466189]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 122/469] [D loss: 0.220188] [G loss: 0.312900] [info loss: 1.466460]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 123/469] [D loss: 0.219510] [G loss: 0.304632] [info loss: 1.468177]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 124/469] [D loss: 0.229416] [G loss: 0.323663] [info loss: 1.467084]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 125/469] [D loss: 0.255364] [G loss: 0.308825] [info loss: 1.469035]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 126/469] [D loss: 0.245590] [G loss: 0.310602] [info loss: 1.467876]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 127/469] [D loss: 0.208850] [G loss: 0.328368] [info loss: 1.467131]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 128/469] [D loss: 0.224900] [G loss: 0.230787] [info loss: 1.468228]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 129/469] [D loss: 0.221487] [G loss: 0.314907] [info loss: 1.467411]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 130/469] [D loss: 0.216843] [G loss: 0.335207] [info loss: 1.469345]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 131/469] [D loss: 0.231909] [G loss: 0.252489] [info loss: 1.467877]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 132/469] [D loss: 0.248791] [G loss: 0.245282] [info loss: 1.468490]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 133/469] [D loss: 0.245843] [G loss: 0.246358] [info loss: 1.467912]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 134/469] [D loss: 0.226148] [G loss: 0.305468] [info loss: 1.469175]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 135/469] [D loss: 0.281897] [G loss: 0.349224] [info loss: 1.467457]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 136/469] [D loss: 0.253122] [G loss: 0.332034] [info loss: 1.468737]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 137/469] [D loss: 0.208616] [G loss: 0.245182] [info loss: 1.466466]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 138/469] [D loss: 0.225320] [G loss: 0.242940] [info loss: 1.469587]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 139/469] [D loss: 0.211124] [G loss: 0.292009] [info loss: 1.467709]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 140/469] [D loss: 0.215723] [G loss: 0.315237] [info loss: 1.468938]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 141/469] [D loss: 0.228546] [G loss: 0.324010] [info loss: 1.472989]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 142/469] [D loss: 0.233066] [G loss: 0.346323] [info loss: 1.467628]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 143/469] [D loss: 0.240436] [G loss: 0.294526] [info loss: 1.467762]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 144/469] [D loss: 0.230271] [G loss: 0.322990] [info loss: 1.467482]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 145/469] [D loss: 0.231704] [G loss: 0.231026] [info loss: 1.468059]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 146/469] [D loss: 0.218877] [G loss: 0.253684] [info loss: 1.467332]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 147/469] [D loss: 0.232779] [G loss: 0.341709] [info loss: 1.468924]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 148/469] [D loss: 0.251333] [G loss: 0.270927] [info loss: 1.467744]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 149/469] [D loss: 0.248114] [G loss: 0.253570] [info loss: 1.469453]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 150/469] [D loss: 0.245735] [G loss: 0.263648] [info loss: 1.470185]
[[0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 151/469] [D loss: 0.238133] [G loss: 0.248906] [info loss: 1.467520]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 152/469] [D loss: 0.245533] [G loss: 0.292918] [info loss: 1.467793]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 153/469] [D loss: 0.222572] [G loss: 0.330928] [info loss: 1.468055]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 154/469] [D loss: 0.220814] [G loss: 0.304782] [info loss: 1.468952]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 155/469] [D loss: 0.216741] [G loss: 0.264525] [info loss: 1.469437]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 156/469] [D loss: 0.225322] [G loss: 0.336741] [info loss: 1.468169]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 157/469] [D loss: 0.227945] [G loss: 0.223493] [info loss: 1.471237]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 158/469] [D loss: 0.232175] [G loss: 0.277956] [info loss: 1.467392]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 159/469] [D loss: 0.170681] [G loss: 0.307429] [info loss: 1.469584]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 160/469] [D loss: 0.219264] [G loss: 0.331647] [info loss: 1.467051]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 161/469] [D loss: 0.198696] [G loss: 0.269394] [info loss: 1.468522]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 162/469] [D loss: 0.198555] [G loss: 0.317607] [info loss: 1.468830]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 163/469] [D loss: 0.221793] [G loss: 0.303973] [info loss: 1.471533]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 164/469] [D loss: 0.235861] [G loss: 0.318660] [info loss: 1.466908]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 165/469] [D loss: 0.213650] [G loss: 0.327274] [info loss: 1.469909]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 166/469] [D loss: 0.240630] [G loss: 0.234072] [info loss: 1.469135]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 167/469] [D loss: 0.244082] [G loss: 0.297063] [info loss: 1.466794]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 168/469] [D loss: 0.204453] [G loss: 0.264279] [info loss: 1.467254]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 169/469] [D loss: 0.219847] [G loss: 0.257402] [info loss: 1.466866]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 170/469] [D loss: 0.222975] [G loss: 0.323418] [info loss: 1.467138]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 171/469] [D loss: 0.220457] [G loss: 0.380729] [info loss: 1.469492]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 172/469] [D loss: 0.229655] [G loss: 0.270382] [info loss: 1.467256]
[[0. 0. 1. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 173/469] [D loss: 0.246649] [G loss: 0.264058] [info loss: 1.466997]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 174/469] [D loss: 0.224354] [G loss: 0.348751] [info loss: 1.469139]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 175/469] [D loss: 0.240952] [G loss: 0.252837] [info loss: 1.466337]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 176/469] [D loss: 0.212886] [G loss: 0.303287] [info loss: 1.467493]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 177/469] [D loss: 0.240060] [G loss: 0.290308] [info loss: 1.472175]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 178/469] [D loss: 0.243989] [G loss: 0.259844] [info loss: 1.467471]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 179/469] [D loss: 0.266563] [G loss: 0.262537] [info loss: 1.468011]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 180/469] [D loss: 0.231418] [G loss: 0.331054] [info loss: 1.467805]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 181/469] [D loss: 0.242284] [G loss: 0.274985] [info loss: 1.466745]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 182/469] [D loss: 0.246419] [G loss: 0.364106] [info loss: 1.468474]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 183/469] [D loss: 0.234217] [G loss: 0.260911] [info loss: 1.472706]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 184/469] [D loss: 0.230057] [G loss: 0.294546] [info loss: 1.469689]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 185/469] [D loss: 0.229517] [G loss: 0.316080] [info loss: 1.467189]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 186/469] [D loss: 0.216119] [G loss: 0.351761] [info loss: 1.474556]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 187/469] [D loss: 0.212725] [G loss: 0.232076] [info loss: 1.467405]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 188/469] [D loss: 0.252796] [G loss: 0.258695] [info loss: 1.467207]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 189/469] [D loss: 0.233203] [G loss: 0.316103] [info loss: 1.467784]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 190/469] [D loss: 0.234334] [G loss: 0.301832] [info loss: 1.467973]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 191/469] [D loss: 0.245675] [G loss: 0.227325] [info loss: 1.468466]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 192/469] [D loss: 0.249522] [G loss: 0.309410] [info loss: 1.472285]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 193/469] [D loss: 0.249081] [G loss: 0.294165] [info loss: 1.466706]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 194/469] [D loss: 0.219841] [G loss: 0.248343] [info loss: 1.467932]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 195/469] [D loss: 0.252675] [G loss: 0.267927] [info loss: 1.467602]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 196/469] [D loss: 0.209722] [G loss: 0.330870] [info loss: 1.466580]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 197/469] [D loss: 0.223738] [G loss: 0.331086] [info loss: 1.467095]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 198/469] [D loss: 0.240520] [G loss: 0.314507] [info loss: 1.466483]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 199/469] [D loss: 0.241935] [G loss: 0.344466] [info loss: 1.469575]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 200/469] [D loss: 0.226949] [G loss: 0.320708] [info loss: 1.468922]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 201/469] [D loss: 0.241972] [G loss: 0.352547] [info loss: 1.468759]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 202/469] [D loss: 0.218318] [G loss: 0.311502] [info loss: 1.466436]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 203/469] [D loss: 0.239577] [G loss: 0.305900] [info loss: 1.466754]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 204/469] [D loss: 0.232446] [G loss: 0.289273] [info loss: 1.468768]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 205/469] [D loss: 0.241040] [G loss: 0.273393] [info loss: 1.468048]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 206/469] [D loss: 0.260744] [G loss: 0.281460] [info loss: 1.467698]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 207/469] [D loss: 0.238843] [G loss: 0.344044] [info loss: 1.468088]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 208/469] [D loss: 0.234453] [G loss: 0.298584] [info loss: 1.469428]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 209/469] [D loss: 0.226223] [G loss: 0.302454] [info loss: 1.467372]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 210/469] [D loss: 0.236053] [G loss: 0.297292] [info loss: 1.469935]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 211/469] [D loss: 0.229565] [G loss: 0.280993] [info loss: 1.467294]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 212/469] [D loss: 0.215428] [G loss: 0.349018] [info loss: 1.468780]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 213/469] [D loss: 0.242257] [G loss: 0.366394] [info loss: 1.467916]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 214/469] [D loss: 0.214112] [G loss: 0.324846] [info loss: 1.467126]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 215/469] [D loss: 0.231014] [G loss: 0.262970] [info loss: 1.468979]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 216/469] [D loss: 0.236307] [G loss: 0.308266] [info loss: 1.468084]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 217/469] [D loss: 0.213615] [G loss: 0.264372] [info loss: 1.466760]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 218/469] [D loss: 0.234961] [G loss: 0.319003] [info loss: 1.467085]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 219/469] [D loss: 0.238516] [G loss: 0.388213] [info loss: 1.467813]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 220/469] [D loss: 0.213052] [G loss: 0.315710] [info loss: 1.469318]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 221/469] [D loss: 0.253580] [G loss: 0.274190] [info loss: 1.470834]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 222/469] [D loss: 0.234155] [G loss: 0.283266] [info loss: 1.467530]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 223/469] [D loss: 0.254939] [G loss: 0.258559] [info loss: 1.467331]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 224/469] [D loss: 0.222967] [G loss: 0.293651] [info loss: 1.466919]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 225/469] [D loss: 0.246239] [G loss: 0.324581] [info loss: 1.467341]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 226/469] [D loss: 0.207900] [G loss: 0.286446] [info loss: 1.467647]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 227/469] [D loss: 0.212318] [G loss: 0.347011] [info loss: 1.467690]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 228/469] [D loss: 0.226710] [G loss: 0.322265] [info loss: 1.468930]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 229/469] [D loss: 0.253251] [G loss: 0.263316] [info loss: 1.466505]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 230/469] [D loss: 0.235050] [G loss: 0.261367] [info loss: 1.467688]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 231/469] [D loss: 0.218888] [G loss: 0.341922] [info loss: 1.466747]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 232/469] [D loss: 0.227373] [G loss: 0.318459] [info loss: 1.468232]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 233/469] [D loss: 0.215915] [G loss: 0.397362] [info loss: 1.467642]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 234/469] [D loss: 0.234249] [G loss: 0.415323] [info loss: 1.469824]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 235/469] [D loss: 0.224786] [G loss: 0.287503] [info loss: 1.468186]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 236/469] [D loss: 0.217973] [G loss: 0.267158] [info loss: 1.466768]
[[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 237/469] [D loss: 0.229523] [G loss: 0.259863] [info loss: 1.468876]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 238/469] [D loss: 0.232562] [G loss: 0.317836] [info loss: 1.466577]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 239/469] [D loss: 0.226807] [G loss: 0.273847] [info loss: 1.467505]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 240/469] [D loss: 0.252708] [G loss: 0.308679] [info loss: 1.466891]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 241/469] [D loss: 0.248809] [G loss: 0.259806] [info loss: 1.466775]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 242/469] [D loss: 0.234736] [G loss: 0.353881] [info loss: 1.469099]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 243/469] [D loss: 0.240164] [G loss: 0.367345] [info loss: 1.469364]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 244/469] [D loss: 0.267076] [G loss: 0.299366] [info loss: 1.466786]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 245/469] [D loss: 0.241824] [G loss: 0.317741] [info loss: 1.469455]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 246/469] [D loss: 0.235941] [G loss: 0.231368] [info loss: 1.467271]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 247/469] [D loss: 0.256117] [G loss: 0.313551] [info loss: 1.466918]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 248/469] [D loss: 0.235780] [G loss: 0.303872] [info loss: 1.466668]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 249/469] [D loss: 0.221062] [G loss: 0.237589] [info loss: 1.469151]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 250/469] [D loss: 0.233462] [G loss: 0.317958] [info loss: 1.467849]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 251/469] [D loss: 0.231562] [G loss: 0.356047] [info loss: 1.467597]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 252/469] [D loss: 0.266294] [G loss: 0.271141] [info loss: 1.466604]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 253/469] [D loss: 0.249446] [G loss: 0.282194] [info loss: 1.467053]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 254/469] [D loss: 0.248178] [G loss: 0.281993] [info loss: 1.468794]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 255/469] [D loss: 0.251284] [G loss: 0.286665] [info loss: 1.467117]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 256/469] [D loss: 0.227202] [G loss: 0.252597] [info loss: 1.468578]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 257/469] [D loss: 0.223182] [G loss: 0.304699] [info loss: 1.468165]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 258/469] [D loss: 0.216404] [G loss: 0.246366] [info loss: 1.467714]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 259/469] [D loss: 0.257283] [G loss: 0.293542] [info loss: 1.467216]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 260/469] [D loss: 0.219954] [G loss: 0.289264] [info loss: 1.467966]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 261/469] [D loss: 0.236944] [G loss: 0.302789] [info loss: 1.466590]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 262/469] [D loss: 0.232830] [G loss: 0.273095] [info loss: 1.470227]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 263/469] [D loss: 0.249792] [G loss: 0.329203] [info loss: 1.475030]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 264/469] [D loss: 0.233492] [G loss: 0.288683] [info loss: 1.469609]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 265/469] [D loss: 0.230974] [G loss: 0.265373] [info loss: 1.467095]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 266/469] [D loss: 0.251673] [G loss: 0.286250] [info loss: 1.467309]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 267/469] [D loss: 0.226250] [G loss: 0.281756] [info loss: 1.471705]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 268/469] [D loss: 0.279031] [G loss: 0.219534] [info loss: 1.468023]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 269/469] [D loss: 0.262696] [G loss: 0.284598] [info loss: 1.467576]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 270/469] [D loss: 0.255564] [G loss: 0.284636] [info loss: 1.468564]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 271/469] [D loss: 0.229528] [G loss: 0.353045] [info loss: 1.469301]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 272/469] [D loss: 0.260490] [G loss: 0.328941] [info loss: 1.468166]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 273/469] [D loss: 0.262160] [G loss: 0.292769] [info loss: 1.467295]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 274/469] [D loss: 0.254289] [G loss: 0.215474] [info loss: 1.467023]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 275/469] [D loss: 0.262090] [G loss: 0.345210] [info loss: 1.467161]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 276/469] [D loss: 0.263147] [G loss: 0.322521] [info loss: 1.467840]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 277/469] [D loss: 0.230649] [G loss: 0.221208] [info loss: 1.466715]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 278/469] [D loss: 0.212207] [G loss: 0.295877] [info loss: 1.467164]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 279/469] [D loss: 0.254021] [G loss: 0.303874] [info loss: 1.467091]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 280/469] [D loss: 0.232217] [G loss: 0.277898] [info loss: 1.468055]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 281/469] [D loss: 0.224561] [G loss: 0.333309] [info loss: 1.469067]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 282/469] [D loss: 0.247998] [G loss: 0.303317] [info loss: 1.468003]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 283/469] [D loss: 0.229263] [G loss: 0.290854] [info loss: 1.468333]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 284/469] [D loss: 0.212323] [G loss: 0.287682] [info loss: 1.467267]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 285/469] [D loss: 0.258464] [G loss: 0.261827] [info loss: 1.466470]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 286/469] [D loss: 0.240138] [G loss: 0.270130] [info loss: 1.467235]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 287/469] [D loss: 0.228821] [G loss: 0.251845] [info loss: 1.469009]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 288/469] [D loss: 0.236647] [G loss: 0.255717] [info loss: 1.469236]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 289/469] [D loss: 0.279026] [G loss: 0.280886] [info loss: 1.466537]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 290/469] [D loss: 0.254210] [G loss: 0.266379] [info loss: 1.466871]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 291/469] [D loss: 0.239331] [G loss: 0.327202] [info loss: 1.466025]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 292/469] [D loss: 0.220144] [G loss: 0.324122] [info loss: 1.469702]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 293/469] [D loss: 0.238246] [G loss: 0.283466] [info loss: 1.469104]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 294/469] [D loss: 0.220983] [G loss: 0.295421] [info loss: 1.475589]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 295/469] [D loss: 0.230379] [G loss: 0.333827] [info loss: 1.468854]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 296/469] [D loss: 0.229081] [G loss: 0.328617] [info loss: 1.470372]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 297/469] [D loss: 0.238233] [G loss: 0.288449] [info loss: 1.468299]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 298/469] [D loss: 0.227556] [G loss: 0.279335] [info loss: 1.471035]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 299/469] [D loss: 0.239335] [G loss: 0.270463] [info loss: 1.468278]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 300/469] [D loss: 0.209098] [G loss: 0.337399] [info loss: 1.468481]
[[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 301/469] [D loss: 0.225898] [G loss: 0.261087] [info loss: 1.469213]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 302/469] [D loss: 0.213105] [G loss: 0.287800] [info loss: 1.466861]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 303/469] [D loss: 0.258132] [G loss: 0.293900] [info loss: 1.477154]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 304/469] [D loss: 0.232135] [G loss: 0.312207] [info loss: 1.468562]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 305/469] [D loss: 0.240946] [G loss: 0.254386] [info loss: 1.468244]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 306/469] [D loss: 0.237673] [G loss: 0.229721] [info loss: 1.467883]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 307/469] [D loss: 0.234887] [G loss: 0.273974] [info loss: 1.466294]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 308/469] [D loss: 0.248259] [G loss: 0.263669] [info loss: 1.469128]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 309/469] [D loss: 0.239448] [G loss: 0.308849] [info loss: 1.469511]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 310/469] [D loss: 0.211108] [G loss: 0.253609] [info loss: 1.470354]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 311/469] [D loss: 0.198300] [G loss: 0.334020] [info loss: 1.469455]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 312/469] [D loss: 0.209443] [G loss: 0.278686] [info loss: 1.467875]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 313/469] [D loss: 0.245347] [G loss: 0.274104] [info loss: 1.467297]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 314/469] [D loss: 0.228480] [G loss: 0.317393] [info loss: 1.468672]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 315/469] [D loss: 0.260708] [G loss: 0.250330] [info loss: 1.468481]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 316/469] [D loss: 0.231072] [G loss: 0.347290] [info loss: 1.468749]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 317/469] [D loss: 0.218559] [G loss: 0.313118] [info loss: 1.467518]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 318/469] [D loss: 0.202053] [G loss: 0.292697] [info loss: 1.466875]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 319/469] [D loss: 0.200942] [G loss: 0.248018] [info loss: 1.467939]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 320/469] [D loss: 0.226538] [G loss: 0.338449] [info loss: 1.468159]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 321/469] [D loss: 0.217107] [G loss: 0.293233] [info loss: 1.468715]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 322/469] [D loss: 0.243409] [G loss: 0.291696] [info loss: 1.467336]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 323/469] [D loss: 0.229372] [G loss: 0.359459] [info loss: 1.467185]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 324/469] [D loss: 0.244169] [G loss: 0.337683] [info loss: 1.468087]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 325/469] [D loss: 0.241172] [G loss: 0.315168] [info loss: 1.466848]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 326/469] [D loss: 0.241598] [G loss: 0.265611] [info loss: 1.467774]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 327/469] [D loss: 0.241280] [G loss: 0.323411] [info loss: 1.468369]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 328/469] [D loss: 0.238635] [G loss: 0.339569] [info loss: 1.466646]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 329/469] [D loss: 0.223612] [G loss: 0.274174] [info loss: 1.467693]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 330/469] [D loss: 0.220585] [G loss: 0.283866] [info loss: 1.466753]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 331/469] [D loss: 0.237737] [G loss: 0.328086] [info loss: 1.467534]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 332/469] [D loss: 0.233319] [G loss: 0.301479] [info loss: 1.469005]
[[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 333/469] [D loss: 0.251192] [G loss: 0.302347] [info loss: 1.470169]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 334/469] [D loss: 0.219284] [G loss: 0.341115] [info loss: 1.466982]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 335/469] [D loss: 0.231174] [G loss: 0.315795] [info loss: 1.467833]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 336/469] [D loss: 0.213487] [G loss: 0.269072] [info loss: 1.467626]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 337/469] [D loss: 0.245164] [G loss: 0.270592] [info loss: 1.469607]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 338/469] [D loss: 0.250235] [G loss: 0.347757] [info loss: 1.468541]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 339/469] [D loss: 0.237670] [G loss: 0.300249] [info loss: 1.468928]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 340/469] [D loss: 0.252013] [G loss: 0.280037] [info loss: 1.467698]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 341/469] [D loss: 0.239680] [G loss: 0.254265] [info loss: 1.468683]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 342/469] [D loss: 0.232676] [G loss: 0.262830] [info loss: 1.468559]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 343/469] [D loss: 0.212887] [G loss: 0.321954] [info loss: 1.468641]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 344/469] [D loss: 0.223301] [G loss: 0.290942] [info loss: 1.469682]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

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```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 6/200] [Batch 345/469] [D loss: 0.223733] [G loss: 0.259880] [info loss: 1.467330]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 346/469] [D loss: 0.251083] [G loss: 0.265270] [info loss: 1.473349]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 347/469] [D loss: 0.235802] [G loss: 0.319278] [info loss: 1.467652]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 348/469] [D loss: 0.270080] [G loss: 0.256858] [info loss: 1.468231]
[[0. 0. 1. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 349/469] [D loss: 0.229858] [G loss: 0.333926] [info loss: 1.467408]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 350/469] [D loss: 0.238941] [G loss: 0.330560] [info loss: 1.466682]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 351/469] [D loss: 0.216640] [G loss: 0.241541] [info loss: 1.468824]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...

```



```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 352/469] [D loss: 0.226139] [G loss: 0.312942] [info loss: 1.467945]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 353/469] [D loss: 0.234171] [G loss: 0.346645] [info loss: 1.467826]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 354/469] [D loss: 0.235538] [G loss: 0.337962] [info loss: 1.470485]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 355/469] [D loss: 0.221247] [G loss: 0.249684] [info loss: 1.467452]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 356/469] [D loss: 0.255034] [G loss: 0.317485] [info loss: 1.468846]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 357/469] [D loss: 0.219480] [G loss: 0.315297] [info loss: 1.466059]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 358/469] [D loss: 0.236196] [G loss: 0.328827] [info loss: 1.467196]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 359/469] [D loss: 0.253094] [G loss: 0.271911] [info loss: 1.467620]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 360/469] [D loss: 0.220101] [G loss: 0.344310] [info loss: 1.467564]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[Epoch 6/200] [Batch 361/469] [D loss: 0.257534] [G loss: 0.328204] [info loss: 1.466643]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 362/469] [D loss: 0.238903] [G loss: 0.300377] [info loss: 1.469034]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 363/469] [D loss: 0.253859] [G loss: 0.295910] [info loss: 1.468238]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 364/469] [D loss: 0.225190] [G loss: 0.261160] [info loss: 1.466341]
[[0. 0. 0. ... 0. 0. 1.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 365/469] [D loss: 0.241037] [G loss: 0.292944] [info loss: 1.478084]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 366/469] [D loss: 0.216747] [G loss: 0.333686] [info loss: 1.468107]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 367/469] [D loss: 0.251437] [G loss: 0.346329] [info loss: 1.467780]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 368/469] [D loss: 0.241459] [G loss: 0.336011] [info loss: 1.466991]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 369/469] [D loss: 0.204524] [G loss: 0.267495] [info loss: 1.468586]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 370/469] [D loss: 0.216880] [G loss: 0.263313] [info loss: 1.469628]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 371/469] [D loss: 0.209602] [G loss: 0.288178] [info loss: 1.467281]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 372/469] [D loss: 0.205212] [G loss: 0.277225] [info loss: 1.467250]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 373/469] [D loss: 0.221261] [G loss: 0.291851] [info loss: 1.467086]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 374/469] [D loss: 0.219306] [G loss: 0.279589] [info loss: 1.468024]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 375/469] [D loss: 0.246083] [G loss: 0.277012] [info loss: 1.468337]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 376/469] [D loss: 0.244670] [G loss: 0.310552] [info loss: 1.468536]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 377/469] [D loss: 0.223244] [G loss: 0.333618] [info loss: 1.466153]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 378/469] [D loss: 0.222592] [G loss: 0.246301] [info loss: 1.465834]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 379/469] [D loss: 0.227705] [G loss: 0.295261] [info loss: 1.466089]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 380/469] [D loss: 0.231996] [G loss: 0.333666] [info loss: 1.466834]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 381/469] [D loss: 0.212284] [G loss: 0.301110] [info loss: 1.469775]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 382/469] [D loss: 0.215525] [G loss: 0.254832] [info loss: 1.467721]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 383/469] [D loss: 0.232792] [G loss: 0.256219] [info loss: 1.468538]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 384/469] [D loss: 0.220468] [G loss: 0.335764] [info loss: 1.467364]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 385/469] [D loss: 0.261085] [G loss: 0.323848] [info loss: 1.468602]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 386/469] [D loss: 0.263507] [G loss: 0.260754] [info loss: 1.467993]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 387/469] [D loss: 0.226545] [G loss: 0.292719] [info loss: 1.467973]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 388/469] [D loss: 0.220347] [G loss: 0.288433] [info loss: 1.468630]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 389/469] [D loss: 0.249382] [G loss: 0.215199] [info loss: 1.469263]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 390/469] [D loss: 0.244545] [G loss: 0.297032] [info loss: 1.468277]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 391/469] [D loss: 0.240367] [G loss: 0.313934] [info loss: 1.469365]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 392/469] [D loss: 0.243426] [G loss: 0.253713] [info loss: 1.467237]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]

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```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 393/469] [D loss: 0.261109] [G loss: 0.268222] [info loss: 1.468209]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 394/469] [D loss: 0.213874] [G loss: 0.297121] [info loss: 1.468688]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 395/469] [D loss: 0.235773] [G loss: 0.318563] [info loss: 1.467084]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 396/469] [D loss: 0.247679] [G loss: 0.272824] [info loss: 1.466360]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 397/469] [D loss: 0.227063] [G loss: 0.285944] [info loss: 1.466142]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 398/469] [D loss: 0.249906] [G loss: 0.252146] [info loss: 1.467528]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 399/469] [D loss: 0.222796] [G loss: 0.355582] [info loss: 1.467793]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 400/469] [D loss: 0.232350] [G loss: 0.224907] [info loss: 1.467880]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 401/469] [D loss: 0.224440] [G loss: 0.338356] [info loss: 1.468232]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 402/469] [D loss: 0.257218] [G loss: 0.328029] [info loss: 1.466686]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]

```



```

[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 403/469] [D loss: 0.246199] [G loss: 0.279887] [info loss: 1.468132]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 404/469] [D loss: 0.218251] [G loss: 0.268024] [info loss: 1.466914]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 405/469] [D loss: 0.240442] [G loss: 0.277193] [info loss: 1.468376]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 406/469] [D loss: 0.244124] [G loss: 0.330152] [info loss: 1.469783]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 407/469] [D loss: 0.238185] [G loss: 0.310781] [info loss: 1.466928]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 408/469] [D loss: 0.218342] [G loss: 0.320225] [info loss: 1.466580]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 409/469] [D loss: 0.220362] [G loss: 0.281582] [info loss: 1.467142]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 410/469] [D loss: 0.228957] [G loss: 0.266205] [info loss: 1.467798]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 411/469] [D loss: 0.210071] [G loss: 0.317893] [info loss: 1.468916]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 412/469] [D loss: 0.212203] [G loss: 0.337617] [info loss: 1.469114]
[[0. 0. 1. ... 0. 0. 0.]

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 413/469] [D loss: 0.257129] [G loss: 0.291476] [info loss: 1.468500]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 414/469] [D loss: 0.232853] [G loss: 0.270426] [info loss: 1.467339]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 415/469] [D loss: 0.232847] [G loss: 0.321855] [info loss: 1.469496]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 416/469] [D loss: 0.252619] [G loss: 0.309273] [info loss: 1.467852]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 417/469] [D loss: 0.240767] [G loss: 0.279957] [info loss: 1.467354]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 418/469] [D loss: 0.234150] [G loss: 0.272221] [info loss: 1.466760]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 419/469] [D loss: 0.201728] [G loss: 0.303808] [info loss: 1.466767]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 420/469] [D loss: 0.241414] [G loss: 0.333077] [info loss: 1.467190]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 421/469] [D loss: 0.221392] [G loss: 0.231407] [info loss: 1.468788]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 422/469] [D loss: 0.245025] [G loss: 0.268538] [info loss: 1.466343]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 423/469] [D loss: 0.232289] [G loss: 0.309721] [info loss: 1.466584]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 424/469] [D loss: 0.248054] [G loss: 0.298283] [info loss: 1.467054]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

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[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 425/469] [D loss: 0.231913] [G loss: 0.394947] [info loss: 1.467318]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 426/469] [D loss: 0.216362] [G loss: 0.342087] [info loss: 1.469564]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 427/469] [D loss: 0.228460] [G loss: 0.217043] [info loss: 1.466824]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 428/469] [D loss: 0.217125] [G loss: 0.275277] [info loss: 1.467129]
[[0. 0. 0. ... 1. 0. 0.]

```



```

[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 429/469] [D loss: 0.239866] [G loss: 0.330629] [info loss: 1.466089]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 430/469] [D loss: 0.229734] [G loss: 0.319387] [info loss: 1.467507]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 431/469] [D loss: 0.234949] [G loss: 0.244379] [info loss: 1.466666]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...

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```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 432/469] [D loss: 0.240884] [G loss: 0.247022] [info loss: 1.467091]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 433/469] [D loss: 0.251585] [G loss: 0.272026] [info loss: 1.466875]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 434/469] [D loss: 0.245085] [G loss: 0.343880] [info loss: 1.469145]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 435/469] [D loss: 0.222123] [G loss: 0.312324] [info loss: 1.467408]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 436/469] [D loss: 0.226454] [G loss: 0.297607] [info loss: 1.466324]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 437/469] [D loss: 0.199624] [G loss: 0.284179] [info loss: 1.468282]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 438/469] [D loss: 0.254301] [G loss: 0.272191] [info loss: 1.468766]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 439/469] [D loss: 0.218214] [G loss: 0.305549] [info loss: 1.466954]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 440/469] [D loss: 0.242588] [G loss: 0.343136] [info loss: 1.467021]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 441/469] [D loss: 0.239082] [G loss: 0.337696] [info loss: 1.467720]
[[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 442/469] [D loss: 0.214771] [G loss: 0.291215] [info loss: 1.467694]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 443/469] [D loss: 0.253186] [G loss: 0.386031] [info loss: 1.469957]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 444/469] [D loss: 0.239314] [G loss: 0.298022] [info loss: 1.466891]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 445/469] [D loss: 0.252257] [G loss: 0.266284] [info loss: 1.467575]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 446/469] [D loss: 0.222691] [G loss: 0.350204] [info loss: 1.467870]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 447/469] [D loss: 0.259931] [G loss: 0.277960] [info loss: 1.466613]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...

```

```

[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 448/469] [D loss: 0.223032] [G loss: 0.320382] [info loss: 1.468037]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 449/469] [D loss: 0.217459] [G loss: 0.264001] [info loss: 1.467174]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 450/469] [D loss: 0.210425] [G loss: 0.347614] [info loss: 1.467946]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 451/469] [D loss: 0.245368] [G loss: 0.300488] [info loss: 1.466302]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 452/469] [D loss: 0.215395] [G loss: 0.264375] [info loss: 1.466968]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 453/469] [D loss: 0.226669] [G loss: 0.322614] [info loss: 1.469708]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 454/469] [D loss: 0.204978] [G loss: 0.300647] [info loss: 1.467286]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 455/469] [D loss: 0.220778] [G loss: 0.284218] [info loss: 1.467694]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 456/469] [D loss: 0.233434] [G loss: 0.262885] [info loss: 1.470154]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

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```

[0. 1. 0. ... 0. 0. 0.]
[Epoch 6/200] [Batch 457/469] [D loss: 0.251908] [G loss: 0.374460] [info loss: 1.467225]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 6/200] [Batch 458/469] [D loss: 0.244316] [G loss: 0.278454] [info loss: 1.466287]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 459/469] [D loss: 0.225636] [G loss: 0.265069] [info loss: 1.467057]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 460/469] [D loss: 0.228647] [G loss: 0.289393] [info loss: 1.467416]
[[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 6/200] [Batch 461/469] [D loss: 0.225565] [G loss: 0.309134] [info loss: 1.466608]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 462/469] [D loss: 0.237934] [G loss: 0.321096] [info loss: 1.467018]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 463/469] [D loss: 0.243613] [G loss: 0.251034] [info loss: 1.468165]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 464/469] [D loss: 0.218709] [G loss: 0.335175] [info loss: 1.467446]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 6/200] [Batch 465/469] [D loss: 0.192666] [G loss: 0.310032] [info loss: 1.468569]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 466/469] [D loss: 0.233238] [G loss: 0.264850] [info loss: 1.466169]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]

```

```

[[0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 6/200] [Batch 467/469] [D loss: 0.228954] [G loss: 0.264599] [info loss: 1.467022]
[[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 0. 1.]
 [1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
 [0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
 [0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]

```

[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]

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[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]]
[[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]

```

[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 0. 0. 0. 0. 0. 1. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 1. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 1. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 1. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 1. 0. 0. 0. 0. 0.]


```

[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 0. 0. 0. 0. 0. 0. 0. 0. 1.]
[1. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
[0. 1. 0. 0. 0. 0. 0. 0. 0. 0.]]
[Epoch 6/200] [Batch 468/469] [D loss: 0.236631] [G loss: 0.291487] [info loss: 1.468188]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 0/469] [D loss: 0.200013] [G loss: 0.333485] [info loss: 1.466685]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 1/469] [D loss: 0.239597] [G loss: 0.299320] [info loss: 1.468445]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 2/469] [D loss: 0.271980] [G loss: 0.273360] [info loss: 1.467521]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 3/469] [D loss: 0.227289] [G loss: 0.254120] [info loss: 1.466710]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 4/469] [D loss: 0.224557] [G loss: 0.289596] [info loss: 1.467098]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 5/469] [D loss: 0.254761] [G loss: 0.333831] [info loss: 1.465949]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 6/469] [D loss: 0.233475] [G loss: 0.306251] [info loss: 1.467166]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 7/469] [D loss: 0.239688] [G loss: 0.224083] [info loss: 1.469145]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 8/469] [D loss: 0.223258] [G loss: 0.302798] [info loss: 1.468722]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 9/469] [D loss: 0.217557] [G loss: 0.269252] [info loss: 1.467155]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 10/469] [D loss: 0.234806] [G loss: 0.311592] [info loss: 1.468621]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 11/469] [D loss: 0.236824] [G loss: 0.274163] [info loss: 1.466406]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 12/469] [D loss: 0.218313] [G loss: 0.337074] [info loss: 1.474741]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 13/469] [D loss: 0.256392] [G loss: 0.280151] [info loss: 1.466248]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 14/469] [D loss: 0.230559] [G loss: 0.322337] [info loss: 1.467744]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 15/469] [D loss: 0.231663] [G loss: 0.373711] [info loss: 1.467466]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 16/469] [D loss: 0.205739] [G loss: 0.329591] [info loss: 1.466113]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 17/469] [D loss: 0.273809] [G loss: 0.242290] [info loss: 1.466344]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 18/469] [D loss: 0.245000] [G loss: 0.252855] [info loss: 1.466256]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 19/469] [D loss: 0.247907] [G loss: 0.323592] [info loss: 1.468219]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 20/469] [D loss: 0.226640] [G loss: 0.326912] [info loss: 1.466287]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 21/469] [D loss: 0.243213] [G loss: 0.243436] [info loss: 1.466645]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 22/469] [D loss: 0.230963] [G loss: 0.307046] [info loss: 1.466799]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 23/469] [D loss: 0.224235] [G loss: 0.320731] [info loss: 1.466497]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 24/469] [D loss: 0.249044] [G loss: 0.297839] [info loss: 1.467384]

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```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 25/469] [D loss: 0.207013] [G loss: 0.273620] [info loss: 1.468440]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 26/469] [D loss: 0.229560] [G loss: 0.256558] [info loss: 1.468825]
[[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 27/469] [D loss: 0.222045] [G loss: 0.275855] [info loss: 1.467662]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 28/469] [D loss: 0.267499] [G loss: 0.293698] [info loss: 1.467536]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 29/469] [D loss: 0.233272] [G loss: 0.271767] [info loss: 1.466723]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 30/469] [D loss: 0.222496] [G loss: 0.330187] [info loss: 1.470205]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 31/469] [D loss: 0.224328] [G loss: 0.326369] [info loss: 1.466069]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 32/469] [D loss: 0.215813] [G loss: 0.345270] [info loss: 1.466720]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 33/469] [D loss: 0.236708] [G loss: 0.267818] [info loss: 1.471298]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 34/469] [D loss: 0.218651] [G loss: 0.289617] [info loss: 1.467968]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 35/469] [D loss: 0.193790] [G loss: 0.310632] [info loss: 1.469780]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 36/469] [D loss: 0.223831] [G loss: 0.330446] [info loss: 1.468246]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 37/469] [D loss: 0.204336] [G loss: 0.276737] [info loss: 1.467979]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 38/469] [D loss: 0.205277] [G loss: 0.260849] [info loss: 1.468263]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 39/469] [D loss: 0.213332] [G loss: 0.278371] [info loss: 1.467302]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 40/469] [D loss: 0.246996] [G loss: 0.353278] [info loss: 1.466867]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 41/469] [D loss: 0.202629] [G loss: 0.406398] [info loss: 1.467476]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 42/469] [D loss: 0.220166] [G loss: 0.260969] [info loss: 1.467732]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 43/469] [D loss: 0.186758] [G loss: 0.242227] [info loss: 1.469686]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 44/469] [D loss: 0.249415] [G loss: 0.265297] [info loss: 1.469242]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 45/469] [D loss: 0.256802] [G loss: 0.375148] [info loss: 1.467399]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 46/469] [D loss: 0.240678] [G loss: 0.346743] [info loss: 1.474398]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 47/469] [D loss: 0.252560] [G loss: 0.261327] [info loss: 1.467383]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 48/469] [D loss: 0.234247] [G loss: 0.289696] [info loss: 1.468307]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 49/469] [D loss: 0.247244] [G loss: 0.240240] [info loss: 1.467021]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]

```



```

[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 50/469] [D loss: 0.246022] [G loss: 0.235787] [info loss: 1.466964]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 51/469] [D loss: 0.213453] [G loss: 0.299698] [info loss: 1.467625]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 52/469] [D loss: 0.227286] [G loss: 0.362255] [info loss: 1.467924]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 53/469] [D loss: 0.235504] [G loss: 0.317014] [info loss: 1.473761]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 54/469] [D loss: 0.205574] [G loss: 0.307158] [info loss: 1.475239]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 55/469] [D loss: 0.212570] [G loss: 0.348686] [info loss: 1.469409]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 56/469] [D loss: 0.234960] [G loss: 0.302778] [info loss: 1.470473]

```

```

[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 57/469] [D loss: 0.234822] [G loss: 0.314956] [info loss: 1.468557]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 58/469] [D loss: 0.245180] [G loss: 0.214178] [info loss: 1.467905]
[[0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 59/469] [D loss: 0.201809] [G loss: 0.261628] [info loss: 1.469277]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 60/469] [D loss: 0.219217] [G loss: 0.321783] [info loss: 1.467645]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 61/469] [D loss: 0.231202] [G loss: 0.283446] [info loss: 1.466369]
[[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 62/469] [D loss: 0.209633] [G loss: 0.242290] [info loss: 1.468046]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 63/469] [D loss: 0.242596] [G loss: 0.266932] [info loss: 1.466542]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 64/469] [D loss: 0.215869] [G loss: 0.331288] [info loss: 1.466651]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 65/469] [D loss: 0.242335] [G loss: 0.295824] [info loss: 1.466854]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 66/469] [D loss: 0.242293] [G loss: 0.274170] [info loss: 1.467582]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 67/469] [D loss: 0.259038] [G loss: 0.288778] [info loss: 1.468711]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 68/469] [D loss: 0.275380] [G loss: 0.395768] [info loss: 1.467911]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 69/469] [D loss: 0.225842] [G loss: 0.308111] [info loss: 1.466708]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 70/469] [D loss: 0.262086] [G loss: 0.303645] [info loss: 1.466683]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 71/469] [D loss: 0.220736] [G loss: 0.260034] [info loss: 1.467217]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 72/469] [D loss: 0.235905] [G loss: 0.338235] [info loss: 1.469758]

```

```

[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 73/469] [D loss: 0.289107] [G loss: 0.267070] [info loss: 1.467023]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 74/469] [D loss: 0.218224] [G loss: 0.305088] [info loss: 1.466078]
[[0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 75/469] [D loss: 0.233950] [G loss: 0.335199] [info loss: 1.467616]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]

```



```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 76/469] [D loss: 0.221129] [G loss: 0.329099] [info loss: 1.468596]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 77/469] [D loss: 0.224656] [G loss: 0.265605] [info loss: 1.468836]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 78/469] [D loss: 0.238331] [G loss: 0.299074] [info loss: 1.468414]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 79/469] [D loss: 0.237036] [G loss: 0.302980] [info loss: 1.467963]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 80/469] [D loss: 0.236763] [G loss: 0.293188] [info loss: 1.466711]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 81/469] [D loss: 0.225019] [G loss: 0.237567] [info loss: 1.467634]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]

```

```

[1. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 82/469] [D loss: 0.216921] [G loss: 0.271566] [info loss: 1.466809]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 83/469] [D loss: 0.241326] [G loss: 0.222118] [info loss: 1.469382]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 84/469] [D loss: 0.250393] [G loss: 0.322241] [info loss: 1.466504]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 85/469] [D loss: 0.250843] [G loss: 0.289041] [info loss: 1.466980]
[[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 86/469] [D loss: 0.218818] [G loss: 0.295844] [info loss: 1.467296]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 87/469] [D loss: 0.239597] [G loss: 0.277647] [info loss: 1.465962]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 88/469] [D loss: 0.229353] [G loss: 0.241946] [info loss: 1.466905]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 89/469] [D loss: 0.232431] [G loss: 0.280154] [info loss: 1.467249]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 90/469] [D loss: 0.226152] [G loss: 0.264079] [info loss: 1.468917]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 91/469] [D loss: 0.217304] [G loss: 0.320903] [info loss: 1.467138]
[[0. 0. 0. ... 0. 1. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]

```

```

...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 92/469] [D loss: 0.238407] [G loss: 0.320954] [info loss: 1.466560]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 93/469] [D loss: 0.226205] [G loss: 0.374878] [info loss: 1.466076]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 94/469] [D loss: 0.238948] [G loss: 0.261417] [info loss: 1.466924]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 95/469] [D loss: 0.185777] [G loss: 0.272678] [info loss: 1.467167]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 96/469] [D loss: 0.200813] [G loss: 0.405140] [info loss: 1.466671]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 97/469] [D loss: 0.227773] [G loss: 0.360681] [info loss: 1.466714]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 98/469] [D loss: 0.218224] [G loss: 0.278742] [info loss: 1.466987]
[[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 99/469] [D loss: 0.235969] [G loss: 0.301370] [info loss: 1.466100]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[1. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 100/469] [D loss: 0.236297] [G loss: 0.278396] [info loss: 1.465919]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]

```



```

[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 101/469] [D loss: 0.231126] [G loss: 0.255548] [info loss: 1.467317]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 102/469] [D loss: 0.245391] [G loss: 0.321198] [info loss: 1.469463]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 1.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 103/469] [D loss: 0.225327] [G loss: 0.317330] [info loss: 1.467565]
[[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 104/469] [D loss: 0.244867] [G loss: 0.292176] [info loss: 1.467357]

```

```

[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 1.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]
 [1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 105/469] [D loss: 0.217860] [G loss: 0.313137] [info loss: 1.468025]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 106/469] [D loss: 0.238327] [G loss: 0.345608] [info loss: 1.466917]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [1. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 107/469] [D loss: 0.222696] [G loss: 0.308678] [info loss: 1.466590]
[[0. 0. 0. ... 1. 0. 0.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]

```

```

...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 108/469] [D loss: 0.242246] [G loss: 0.307655] [info loss: 1.467006]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 1. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 109/469] [D loss: 0.234408] [G loss: 0.324388] [info loss: 1.467682]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[Epoch 7/200] [Batch 110/469] [D loss: 0.225508] [G loss: 0.352643] [info loss: 1.468490]
[[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]

```

```

[0. 1. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 111/469] [D loss: 0.249899] [G loss: 0.281534] [info loss: 1.466952]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]]
[Epoch 7/200] [Batch 112/469] [D loss: 0.258200] [G loss: 0.271803] [info loss: 1.468581]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 113/469] [D loss: 0.227672] [G loss: 0.227645] [info loss: 1.466574]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]

```

```

[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 114/469] [D loss: 0.221134] [G loss: 0.378433] [info loss: 1.466051]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[0. 0. 1. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 115/469] [D loss: 0.224425] [G loss: 0.344794] [info loss: 1.468579]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 116/469] [D loss: 0.271859] [G loss: 0.305582] [info loss: 1.467612]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 1. ... 0. 0. 0.]
...
[0. 1. 0. ... 0. 0. 0.]

```

```

[0. 0. 1. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 117/469] [D loss: 0.252562] [G loss: 0.269432] [info loss: 1.467113]
[[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 118/469] [D loss: 0.234860] [G loss: 0.296123] [info loss: 1.468305]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[1. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]]
[[1. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 1. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 119/469] [D loss: 0.263246] [G loss: 0.257274] [info loss: 1.467080]
[[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
[0. 0. 0. ... 0. 0. 0.]
...
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 0. 0. 0.]]
[[0. 0. 0. ... 0. 1. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 0. 1.]
...
[0. 1. 0. ... 0. 0. 0.]
[0. 0. 0. ... 1. 0. 0.]
[0. 0. 0. ... 0. 1. 0.]]
[Epoch 7/200] [Batch 120/469] [D loss: 0.244953] [G loss: 0.291063] [info loss: 1.467849]

```

```

[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 1.]
 [0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[[0. 1. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 1. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
[Epoch 7/200] [Batch 121/469] [D loss: 0.203698] [G loss: 0.245776] [info loss: 1.467422]
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 1.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 1. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]

```

In [0]: