

0724-classical_model_1

July 24, 2023

```
[ ]: import torch
import torch.nn as nn
import torch.optim as optim
```

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[ ]: import numpy as np
```

```
[ ]: import sys
sys.path.append('.')

from my_code import functions as f
```

1 Data

```
[ ]: file_path = '../data/energies/Trial/Strings_Energies_10_000.txt' # Replace
    ↪with the actual path to your 'data.txt' file
string_list, number_list = f.read_data_file(file_path)
score_list = np.array(number_list)/100
angles_list = np.array([f.string_to_numbers(string) for string in string_list])
```

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[ ]: X, Y, X_validation, Y_validation = f.create_validating_set(angles_list,
    ↪score_list, percentage=0.1)
```

```
[ ]: # Define the dataset
input_data = torch.tensor(X, dtype=torch.float32)
target_data = torch.tensor(Y, dtype=torch.float32).view(-1, 1)

# Define the validation set
input_validation = torch.tensor(X_validation, dtype=torch.float32)
target_validation = torch.tensor(Y_validation, dtype=torch.float32).view(-1, 1)
```

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[ ]:
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2 Classical model

```
[ ]: input_dim = input_data.size(1)

layers = [nn.Linear(input_dim*1, input_dim*2), nn.ReLU()]
layers += [nn.Linear(input_dim*2, input_dim*3), nn.ReLU()]
layers += [nn.Linear(input_dim*3, input_dim*3), nn.ReLU()]
layers += [nn.Linear(input_dim*3, input_dim*2), nn.ReLU()]
layers += [nn.Linear(input_dim*2, input_dim*1)]
layers += [nn.Linear(input_dim*1, input_dim*1), nn.ReLU()] * 2
layers += [nn.Linear(input_dim*1, 1)]
Net = nn.Sequential(*layers)

[ ]: # Create an instance of the network
model = Net

[ ]: import time

[ ]: # time
start_time = time.time()

# Define the loss function and optimizer
criterion = nn.MSELoss() # Mean Squared Error loss
optimizer = optim.Adam(model.parameters(), lr=0.001) # Adam optimizer with
↳ learning rate 0.001

# Training loop
num_epochs = 1000
batch_size = 32

losses = []
losses_epochs = []
losses_epochs_validation = []

for epoch in range(num_epochs):
    # Shuffle the dataset
    indices = torch.randperm(input_data.size(0))
    input_data = input_data[indices]
    target_data = target_data[indices]

    losses_epochs.append(0)

    # Mini-batch training
    for i in range(0, input_data.size(0), batch_size):
        inputs = input_data[i:i+batch_size]
        targets = target_data[i:i+batch_size]
```

```

# Forward pass
outputs = model(inputs)

# Compute the loss
loss = criterion(outputs, targets)

# Backward pass and optimization
optimizer.zero_grad()
loss.backward()
optimizer.step()

# Store the loss
losses.append(loss.item())

# print('- Epoch [{}/{}], i: [{}/{}], Loss: {:.4f}'.format(epoch+1,
↪num_epochs, i, input_data.size(0), loss.item()))

# add to the epoch loss
losses_epochs[-1] += loss.item() / (input_data.size(0) / batch_size)

# Compute the validation loss
outputs_validation = model(input_validation)
loss_validation = criterion(outputs_validation, target_validation)
losses_epochs_validation.append(loss_validation.item())

# Print the loss for this epoch
print('Epoch [{}/{}], Loss: {:.4f}'.format(epoch+1, num_epochs,
↪losses_epochs[-1]))

# time
# Compute elapsed time and remaining time
elapsed_time = time.time() - start_time
avg_time_per_epoch = elapsed_time / (epoch + 1)
remaining_epochs = num_epochs - (epoch + 1)
estimated_remaining_time = avg_time_per_epoch * remaining_epochs

# Convert remaining time to hours, minutes, and seconds for better
↪readability
hours, remainder = divmod(estimated_remaining_time, 3600)
minutes, seconds = divmod(remainder, 60)

# Print the loss and remaining time for this epoch
print('Epoch [{}/{}], Loss: {:.4f}, Time remaining: ~{}h {}m {:.0f}s'.
↪format(
    epoch+1, num_epochs, losses_epochs[-1], hours, minutes, seconds))

```

Epoch [1/1000], Loss: 9.2520
Epoch [1/1000], Loss: 9.2520, Time remaining: ~0.0h 13.0m 13s
Epoch [2/1000], Loss: 6.4910
Epoch [2/1000], Loss: 6.4910, Time remaining: ~0.0h 12.0m 44s
Epoch [3/1000], Loss: 6.2997
Epoch [3/1000], Loss: 6.2997, Time remaining: ~0.0h 12.0m 8s
Epoch [4/1000], Loss: 6.1713
Epoch [4/1000], Loss: 6.1713, Time remaining: ~0.0h 12.0m 2s
Epoch [5/1000], Loss: 6.1031
Epoch [5/1000], Loss: 6.1031, Time remaining: ~0.0h 12.0m 3s
Epoch [6/1000], Loss: 6.0109
Epoch [6/1000], Loss: 6.0109, Time remaining: ~0.0h 11.0m 57s
Epoch [7/1000], Loss: 5.9832
Epoch [7/1000], Loss: 5.9832, Time remaining: ~0.0h 11.0m 46s
Epoch [8/1000], Loss: 5.9201
Epoch [8/1000], Loss: 5.9201, Time remaining: ~0.0h 11.0m 39s
Epoch [9/1000], Loss: 5.8787
Epoch [9/1000], Loss: 5.8787, Time remaining: ~0.0h 11.0m 33s
Epoch [10/1000], Loss: 5.8012
Epoch [10/1000], Loss: 5.8012, Time remaining: ~0.0h 11.0m 30s
Epoch [11/1000], Loss: 5.6790
Epoch [11/1000], Loss: 5.6790, Time remaining: ~0.0h 11.0m 28s
Epoch [12/1000], Loss: 5.4115
Epoch [12/1000], Loss: 5.4115, Time remaining: ~0.0h 11.0m 26s
Epoch [13/1000], Loss: 5.2906
Epoch [13/1000], Loss: 5.2906, Time remaining: ~0.0h 11.0m 29s
Epoch [14/1000], Loss: 5.2174
Epoch [14/1000], Loss: 5.2174, Time remaining: ~0.0h 11.0m 29s
Epoch [15/1000], Loss: 5.1676
Epoch [15/1000], Loss: 5.1676, Time remaining: ~0.0h 11.0m 34s
Epoch [16/1000], Loss: 5.0977
Epoch [16/1000], Loss: 5.0977, Time remaining: ~0.0h 11.0m 40s
Epoch [17/1000], Loss: 5.0363
Epoch [17/1000], Loss: 5.0363, Time remaining: ~0.0h 11.0m 37s
Epoch [18/1000], Loss: 5.0328
Epoch [18/1000], Loss: 5.0328, Time remaining: ~0.0h 11.0m 32s
Epoch [19/1000], Loss: 4.9574
Epoch [19/1000], Loss: 4.9574, Time remaining: ~0.0h 11.0m 28s
Epoch [20/1000], Loss: 4.9075
Epoch [20/1000], Loss: 4.9075, Time remaining: ~0.0h 11.0m 26s
Epoch [21/1000], Loss: 4.8125
Epoch [21/1000], Loss: 4.8125, Time remaining: ~0.0h 11.0m 23s
Epoch [22/1000], Loss: 4.7723
Epoch [22/1000], Loss: 4.7723, Time remaining: ~0.0h 11.0m 19s
Epoch [23/1000], Loss: 4.6986
Epoch [23/1000], Loss: 4.6986, Time remaining: ~0.0h 11.0m 17s
Epoch [24/1000], Loss: 4.6167
Epoch [24/1000], Loss: 4.6167, Time remaining: ~0.0h 11.0m 13s

Epoch [25/1000], Loss: 4.5495
Epoch [25/1000], Loss: 4.5495, Time remaining: ~0.0h 11.0m 10s
Epoch [26/1000], Loss: 4.4853
Epoch [26/1000], Loss: 4.4853, Time remaining: ~0.0h 11.0m 7s
Epoch [27/1000], Loss: 4.4211
Epoch [27/1000], Loss: 4.4211, Time remaining: ~0.0h 11.0m 5s
Epoch [28/1000], Loss: 4.3466
Epoch [28/1000], Loss: 4.3466, Time remaining: ~0.0h 11.0m 2s
Epoch [29/1000], Loss: 4.2727
Epoch [29/1000], Loss: 4.2727, Time remaining: ~0.0h 11.0m 1s
Epoch [30/1000], Loss: 4.2420
Epoch [30/1000], Loss: 4.2420, Time remaining: ~0.0h 10.0m 59s
Epoch [31/1000], Loss: 4.2665
Epoch [31/1000], Loss: 4.2665, Time remaining: ~0.0h 10.0m 56s
Epoch [32/1000], Loss: 4.1932
Epoch [32/1000], Loss: 4.1932, Time remaining: ~0.0h 10.0m 54s
Epoch [33/1000], Loss: 4.1875
Epoch [33/1000], Loss: 4.1875, Time remaining: ~0.0h 10.0m 56s
Epoch [34/1000], Loss: 4.1204
Epoch [34/1000], Loss: 4.1204, Time remaining: ~0.0h 10.0m 56s
Epoch [35/1000], Loss: 4.1073
Epoch [35/1000], Loss: 4.1073, Time remaining: ~0.0h 10.0m 55s
Epoch [36/1000], Loss: 4.0846
Epoch [36/1000], Loss: 4.0846, Time remaining: ~0.0h 10.0m 54s
Epoch [37/1000], Loss: 4.0643
Epoch [37/1000], Loss: 4.0643, Time remaining: ~0.0h 10.0m 54s
Epoch [38/1000], Loss: 4.0703
Epoch [38/1000], Loss: 4.0703, Time remaining: ~0.0h 10.0m 59s
Epoch [39/1000], Loss: 4.0504
Epoch [39/1000], Loss: 4.0504, Time remaining: ~0.0h 11.0m 2s
Epoch [40/1000], Loss: 3.9908
Epoch [40/1000], Loss: 3.9908, Time remaining: ~0.0h 11.0m 0s
Epoch [41/1000], Loss: 3.9631
Epoch [41/1000], Loss: 3.9631, Time remaining: ~0.0h 10.0m 58s
Epoch [42/1000], Loss: 3.9688
Epoch [42/1000], Loss: 3.9688, Time remaining: ~0.0h 10.0m 57s
Epoch [43/1000], Loss: 3.9819
Epoch [43/1000], Loss: 3.9819, Time remaining: ~0.0h 10.0m 56s
Epoch [44/1000], Loss: 3.9219
Epoch [44/1000], Loss: 3.9219, Time remaining: ~0.0h 10.0m 54s
Epoch [45/1000], Loss: 3.9261
Epoch [45/1000], Loss: 3.9261, Time remaining: ~0.0h 10.0m 53s
Epoch [46/1000], Loss: 3.9262
Epoch [46/1000], Loss: 3.9262, Time remaining: ~0.0h 10.0m 51s
Epoch [47/1000], Loss: 3.9047
Epoch [47/1000], Loss: 3.9047, Time remaining: ~0.0h 10.0m 49s
Epoch [48/1000], Loss: 3.9318
Epoch [48/1000], Loss: 3.9318, Time remaining: ~0.0h 10.0m 48s

Epoch [49/1000], Loss: 3.8729
Epoch [49/1000], Loss: 3.8729, Time remaining: ~0.0h 10.0m 46s
Epoch [50/1000], Loss: 3.8480
Epoch [50/1000], Loss: 3.8480, Time remaining: ~0.0h 10.0m 44s
Epoch [51/1000], Loss: 3.8288
Epoch [51/1000], Loss: 3.8288, Time remaining: ~0.0h 10.0m 43s
Epoch [52/1000], Loss: 3.8385
Epoch [52/1000], Loss: 3.8385, Time remaining: ~0.0h 10.0m 41s
Epoch [53/1000], Loss: 3.8514
Epoch [53/1000], Loss: 3.8514, Time remaining: ~0.0h 10.0m 40s
Epoch [54/1000], Loss: 3.8051
Epoch [54/1000], Loss: 3.8051, Time remaining: ~0.0h 10.0m 40s
Epoch [55/1000], Loss: 3.7892
Epoch [55/1000], Loss: 3.7892, Time remaining: ~0.0h 10.0m 40s
Epoch [56/1000], Loss: 3.7977
Epoch [56/1000], Loss: 3.7977, Time remaining: ~0.0h 10.0m 38s
Epoch [57/1000], Loss: 3.7647
Epoch [57/1000], Loss: 3.7647, Time remaining: ~0.0h 10.0m 38s
Epoch [58/1000], Loss: 3.7556
Epoch [58/1000], Loss: 3.7556, Time remaining: ~0.0h 10.0m 39s
Epoch [59/1000], Loss: 3.7351
Epoch [59/1000], Loss: 3.7351, Time remaining: ~0.0h 10.0m 38s
Epoch [60/1000], Loss: 3.7090
Epoch [60/1000], Loss: 3.7090, Time remaining: ~0.0h 10.0m 37s
Epoch [61/1000], Loss: 3.7156
Epoch [61/1000], Loss: 3.7156, Time remaining: ~0.0h 10.0m 38s
Epoch [62/1000], Loss: 3.6973
Epoch [62/1000], Loss: 3.6973, Time remaining: ~0.0h 10.0m 39s
Epoch [63/1000], Loss: 3.7093
Epoch [63/1000], Loss: 3.7093, Time remaining: ~0.0h 10.0m 38s
Epoch [64/1000], Loss: 3.6993
Epoch [64/1000], Loss: 3.6993, Time remaining: ~0.0h 10.0m 39s
Epoch [65/1000], Loss: 3.6528
Epoch [65/1000], Loss: 3.6528, Time remaining: ~0.0h 10.0m 39s
Epoch [66/1000], Loss: 3.6556
Epoch [66/1000], Loss: 3.6556, Time remaining: ~0.0h 10.0m 42s
Epoch [67/1000], Loss: 3.6919
Epoch [67/1000], Loss: 3.6919, Time remaining: ~0.0h 10.0m 42s
Epoch [68/1000], Loss: 3.6541
Epoch [68/1000], Loss: 3.6541, Time remaining: ~0.0h 10.0m 41s
Epoch [69/1000], Loss: 3.6081
Epoch [69/1000], Loss: 3.6081, Time remaining: ~0.0h 10.0m 40s
Epoch [70/1000], Loss: 3.5619
Epoch [70/1000], Loss: 3.5619, Time remaining: ~0.0h 10.0m 40s
Epoch [71/1000], Loss: 3.5729
Epoch [71/1000], Loss: 3.5729, Time remaining: ~0.0h 10.0m 39s
Epoch [72/1000], Loss: 3.5852
Epoch [72/1000], Loss: 3.5852, Time remaining: ~0.0h 10.0m 38s

Epoch [73/1000], Loss: 3.5758
Epoch [73/1000], Loss: 3.5758, Time remaining: ~0.0h 10.0m 37s
Epoch [74/1000], Loss: 3.5932
Epoch [74/1000], Loss: 3.5932, Time remaining: ~0.0h 10.0m 36s
Epoch [75/1000], Loss: 3.5051
Epoch [75/1000], Loss: 3.5051, Time remaining: ~0.0h 10.0m 36s
Epoch [76/1000], Loss: 3.5671
Epoch [76/1000], Loss: 3.5671, Time remaining: ~0.0h 10.0m 37s
Epoch [77/1000], Loss: 3.5244
Epoch [77/1000], Loss: 3.5244, Time remaining: ~0.0h 10.0m 37s
Epoch [78/1000], Loss: 3.5276
Epoch [78/1000], Loss: 3.5276, Time remaining: ~0.0h 10.0m 36s
Epoch [79/1000], Loss: 3.4770
Epoch [79/1000], Loss: 3.4770, Time remaining: ~0.0h 10.0m 36s
Epoch [80/1000], Loss: 3.5048
Epoch [80/1000], Loss: 3.5048, Time remaining: ~0.0h 10.0m 35s
Epoch [81/1000], Loss: 3.5021
Epoch [81/1000], Loss: 3.5021, Time remaining: ~0.0h 10.0m 35s
Epoch [82/1000], Loss: 3.4843
Epoch [82/1000], Loss: 3.4843, Time remaining: ~0.0h 10.0m 36s
Epoch [83/1000], Loss: 3.4735
Epoch [83/1000], Loss: 3.4735, Time remaining: ~0.0h 10.0m 35s
Epoch [84/1000], Loss: 3.4577
Epoch [84/1000], Loss: 3.4577, Time remaining: ~0.0h 10.0m 35s
Epoch [85/1000], Loss: 3.4188
Epoch [85/1000], Loss: 3.4188, Time remaining: ~0.0h 10.0m 34s
Epoch [86/1000], Loss: 3.4292
Epoch [86/1000], Loss: 3.4292, Time remaining: ~0.0h 10.0m 32s
Epoch [87/1000], Loss: 3.3735
Epoch [87/1000], Loss: 3.3735, Time remaining: ~0.0h 10.0m 31s
Epoch [88/1000], Loss: 3.4140
Epoch [88/1000], Loss: 3.4140, Time remaining: ~0.0h 10.0m 31s
Epoch [89/1000], Loss: 3.4250
Epoch [89/1000], Loss: 3.4250, Time remaining: ~0.0h 10.0m 32s
Epoch [90/1000], Loss: 3.3920
Epoch [90/1000], Loss: 3.3920, Time remaining: ~0.0h 10.0m 30s
Epoch [91/1000], Loss: 3.3524
Epoch [91/1000], Loss: 3.3524, Time remaining: ~0.0h 10.0m 30s
Epoch [92/1000], Loss: 3.3644
Epoch [92/1000], Loss: 3.3644, Time remaining: ~0.0h 10.0m 33s
Epoch [93/1000], Loss: 3.3952
Epoch [93/1000], Loss: 3.3952, Time remaining: ~0.0h 10.0m 33s
Epoch [94/1000], Loss: 3.3907
Epoch [94/1000], Loss: 3.3907, Time remaining: ~0.0h 10.0m 32s
Epoch [95/1000], Loss: 3.3735
Epoch [95/1000], Loss: 3.3735, Time remaining: ~0.0h 10.0m 32s
Epoch [96/1000], Loss: 3.3222
Epoch [96/1000], Loss: 3.3222, Time remaining: ~0.0h 10.0m 31s

Epoch [97/1000], Loss: 3.3260
Epoch [97/1000], Loss: 3.3260, Time remaining: ~0.0h 10.0m 30s
Epoch [98/1000], Loss: 3.3243
Epoch [98/1000], Loss: 3.3243, Time remaining: ~0.0h 10.0m 30s
Epoch [99/1000], Loss: 3.3125
Epoch [99/1000], Loss: 3.3125, Time remaining: ~0.0h 10.0m 29s
Epoch [100/1000], Loss: 3.2774
Epoch [100/1000], Loss: 3.2774, Time remaining: ~0.0h 10.0m 29s
Epoch [101/1000], Loss: 3.3310
Epoch [101/1000], Loss: 3.3310, Time remaining: ~0.0h 10.0m 28s
Epoch [102/1000], Loss: 3.2804
Epoch [102/1000], Loss: 3.2804, Time remaining: ~0.0h 10.0m 27s
Epoch [103/1000], Loss: 3.2941
Epoch [103/1000], Loss: 3.2941, Time remaining: ~0.0h 10.0m 26s
Epoch [104/1000], Loss: 3.2959
Epoch [104/1000], Loss: 3.2959, Time remaining: ~0.0h 10.0m 24s
Epoch [105/1000], Loss: 3.2652
Epoch [105/1000], Loss: 3.2652, Time remaining: ~0.0h 10.0m 22s
Epoch [106/1000], Loss: 3.2886
Epoch [106/1000], Loss: 3.2886, Time remaining: ~0.0h 10.0m 21s
Epoch [107/1000], Loss: 3.2326
Epoch [107/1000], Loss: 3.2326, Time remaining: ~0.0h 10.0m 19s
Epoch [108/1000], Loss: 3.2885
Epoch [108/1000], Loss: 3.2885, Time remaining: ~0.0h 10.0m 18s
Epoch [109/1000], Loss: 3.2465
Epoch [109/1000], Loss: 3.2465, Time remaining: ~0.0h 10.0m 17s
Epoch [110/1000], Loss: 3.2649
Epoch [110/1000], Loss: 3.2649, Time remaining: ~0.0h 10.0m 16s
Epoch [111/1000], Loss: 3.2614
Epoch [111/1000], Loss: 3.2614, Time remaining: ~0.0h 10.0m 18s
Epoch [112/1000], Loss: 3.2425
Epoch [112/1000], Loss: 3.2425, Time remaining: ~0.0h 10.0m 17s
Epoch [113/1000], Loss: 3.2718
Epoch [113/1000], Loss: 3.2718, Time remaining: ~0.0h 10.0m 16s
Epoch [114/1000], Loss: 3.2319
Epoch [114/1000], Loss: 3.2319, Time remaining: ~0.0h 10.0m 15s
Epoch [115/1000], Loss: 3.2263
Epoch [115/1000], Loss: 3.2263, Time remaining: ~0.0h 10.0m 14s
Epoch [116/1000], Loss: 3.2622
Epoch [116/1000], Loss: 3.2622, Time remaining: ~0.0h 10.0m 14s
Epoch [117/1000], Loss: 3.1883
Epoch [117/1000], Loss: 3.1883, Time remaining: ~0.0h 10.0m 13s
Epoch [118/1000], Loss: 3.1660
Epoch [118/1000], Loss: 3.1660, Time remaining: ~0.0h 10.0m 12s
Epoch [119/1000], Loss: 3.1566
Epoch [119/1000], Loss: 3.1566, Time remaining: ~0.0h 10.0m 11s
Epoch [120/1000], Loss: 3.2145
Epoch [120/1000], Loss: 3.2145, Time remaining: ~0.0h 10.0m 10s

Epoch [121/1000], Loss: 3.1595
Epoch [121/1000], Loss: 3.1595, Time remaining: ~0.0h 10.0m 9s
Epoch [122/1000], Loss: 3.2028
Epoch [122/1000], Loss: 3.2028, Time remaining: ~0.0h 10.0m 8s
Epoch [123/1000], Loss: 3.1514
Epoch [123/1000], Loss: 3.1514, Time remaining: ~0.0h 10.0m 7s
Epoch [124/1000], Loss: 3.1568
Epoch [124/1000], Loss: 3.1568, Time remaining: ~0.0h 10.0m 6s
Epoch [125/1000], Loss: 3.1762
Epoch [125/1000], Loss: 3.1762, Time remaining: ~0.0h 10.0m 5s
Epoch [126/1000], Loss: 3.1651
Epoch [126/1000], Loss: 3.1651, Time remaining: ~0.0h 10.0m 4s
Epoch [127/1000], Loss: 3.1511
Epoch [127/1000], Loss: 3.1511, Time remaining: ~0.0h 10.0m 3s
Epoch [128/1000], Loss: 3.1643
Epoch [128/1000], Loss: 3.1643, Time remaining: ~0.0h 10.0m 4s
Epoch [129/1000], Loss: 3.1305
Epoch [129/1000], Loss: 3.1305, Time remaining: ~0.0h 10.0m 6s
Epoch [130/1000], Loss: 3.1324
Epoch [130/1000], Loss: 3.1324, Time remaining: ~0.0h 10.0m 5s
Epoch [131/1000], Loss: 3.0963
Epoch [131/1000], Loss: 3.0963, Time remaining: ~0.0h 10.0m 5s
Epoch [132/1000], Loss: 3.1156
Epoch [132/1000], Loss: 3.1156, Time remaining: ~0.0h 10.0m 5s
Epoch [133/1000], Loss: 3.1040
Epoch [133/1000], Loss: 3.1040, Time remaining: ~0.0h 10.0m 5s
Epoch [134/1000], Loss: 3.1098
Epoch [134/1000], Loss: 3.1098, Time remaining: ~0.0h 10.0m 5s
Epoch [135/1000], Loss: 3.0989
Epoch [135/1000], Loss: 3.0989, Time remaining: ~0.0h 10.0m 3s
Epoch [136/1000], Loss: 3.1122
Epoch [136/1000], Loss: 3.1122, Time remaining: ~0.0h 10.0m 2s
Epoch [137/1000], Loss: 3.0833
Epoch [137/1000], Loss: 3.0833, Time remaining: ~0.0h 10.0m 1s
Epoch [138/1000], Loss: 3.0965
Epoch [138/1000], Loss: 3.0965, Time remaining: ~0.0h 9.0m 59s
Epoch [139/1000], Loss: 3.0611
Epoch [139/1000], Loss: 3.0611, Time remaining: ~0.0h 9.0m 58s
Epoch [140/1000], Loss: 3.0331
Epoch [140/1000], Loss: 3.0331, Time remaining: ~0.0h 9.0m 56s
Epoch [141/1000], Loss: 3.0611
Epoch [141/1000], Loss: 3.0611, Time remaining: ~0.0h 9.0m 55s
Epoch [142/1000], Loss: 3.0441
Epoch [142/1000], Loss: 3.0441, Time remaining: ~0.0h 9.0m 54s
Epoch [143/1000], Loss: 3.0674
Epoch [143/1000], Loss: 3.0674, Time remaining: ~0.0h 9.0m 52s
Epoch [144/1000], Loss: 3.0787
Epoch [144/1000], Loss: 3.0787, Time remaining: ~0.0h 9.0m 51s

Epoch [145/1000], Loss: 3.0358
Epoch [145/1000], Loss: 3.0358, Time remaining: ~0.0h 9.0m 50s
Epoch [146/1000], Loss: 3.0291
Epoch [146/1000], Loss: 3.0291, Time remaining: ~0.0h 9.0m 49s
Epoch [147/1000], Loss: 3.0243
Epoch [147/1000], Loss: 3.0243, Time remaining: ~0.0h 9.0m 48s
Epoch [148/1000], Loss: 3.0502
Epoch [148/1000], Loss: 3.0502, Time remaining: ~0.0h 9.0m 47s
Epoch [149/1000], Loss: 3.0409
Epoch [149/1000], Loss: 3.0409, Time remaining: ~0.0h 9.0m 46s
Epoch [150/1000], Loss: 3.0531
Epoch [150/1000], Loss: 3.0531, Time remaining: ~0.0h 9.0m 44s
Epoch [151/1000], Loss: 3.0069
Epoch [151/1000], Loss: 3.0069, Time remaining: ~0.0h 9.0m 43s
Epoch [152/1000], Loss: 2.9852
Epoch [152/1000], Loss: 2.9852, Time remaining: ~0.0h 9.0m 42s
Epoch [153/1000], Loss: 3.0189
Epoch [153/1000], Loss: 3.0189, Time remaining: ~0.0h 9.0m 41s
Epoch [154/1000], Loss: 3.0037
Epoch [154/1000], Loss: 3.0037, Time remaining: ~0.0h 9.0m 40s
Epoch [155/1000], Loss: 2.9907
Epoch [155/1000], Loss: 2.9907, Time remaining: ~0.0h 9.0m 39s
Epoch [156/1000], Loss: 2.9905
Epoch [156/1000], Loss: 2.9905, Time remaining: ~0.0h 9.0m 38s
Epoch [157/1000], Loss: 2.9907
Epoch [157/1000], Loss: 2.9907, Time remaining: ~0.0h 9.0m 37s
Epoch [158/1000], Loss: 2.9772
Epoch [158/1000], Loss: 2.9772, Time remaining: ~0.0h 9.0m 36s
Epoch [159/1000], Loss: 3.0074
Epoch [159/1000], Loss: 3.0074, Time remaining: ~0.0h 9.0m 35s
Epoch [160/1000], Loss: 2.9762
Epoch [160/1000], Loss: 2.9762, Time remaining: ~0.0h 9.0m 34s
Epoch [161/1000], Loss: 2.9928
Epoch [161/1000], Loss: 2.9928, Time remaining: ~0.0h 9.0m 33s
Epoch [162/1000], Loss: 2.9746
Epoch [162/1000], Loss: 2.9746, Time remaining: ~0.0h 9.0m 34s
Epoch [163/1000], Loss: 2.9698
Epoch [163/1000], Loss: 2.9698, Time remaining: ~0.0h 9.0m 33s
Epoch [164/1000], Loss: 2.9403
Epoch [164/1000], Loss: 2.9403, Time remaining: ~0.0h 9.0m 32s
Epoch [165/1000], Loss: 2.9688
Epoch [165/1000], Loss: 2.9688, Time remaining: ~0.0h 9.0m 31s
Epoch [166/1000], Loss: 2.9718
Epoch [166/1000], Loss: 2.9718, Time remaining: ~0.0h 9.0m 29s
Epoch [167/1000], Loss: 2.9651
Epoch [167/1000], Loss: 2.9651, Time remaining: ~0.0h 9.0m 28s
Epoch [168/1000], Loss: 2.9520
Epoch [168/1000], Loss: 2.9520, Time remaining: ~0.0h 9.0m 27s

Epoch [169/1000], Loss: 2.9284
Epoch [169/1000], Loss: 2.9284, Time remaining: ~0.0h 9.0m 26s
Epoch [170/1000], Loss: 2.9315
Epoch [170/1000], Loss: 2.9315, Time remaining: ~0.0h 9.0m 26s
Epoch [171/1000], Loss: 2.9457
Epoch [171/1000], Loss: 2.9457, Time remaining: ~0.0h 9.0m 24s
Epoch [172/1000], Loss: 2.9290
Epoch [172/1000], Loss: 2.9290, Time remaining: ~0.0h 9.0m 23s
Epoch [173/1000], Loss: 2.9472
Epoch [173/1000], Loss: 2.9472, Time remaining: ~0.0h 9.0m 22s
Epoch [174/1000], Loss: 2.9573
Epoch [174/1000], Loss: 2.9573, Time remaining: ~0.0h 9.0m 21s
Epoch [175/1000], Loss: 2.9362
Epoch [175/1000], Loss: 2.9362, Time remaining: ~0.0h 9.0m 20s
Epoch [176/1000], Loss: 2.9468
Epoch [176/1000], Loss: 2.9468, Time remaining: ~0.0h 9.0m 19s
Epoch [177/1000], Loss: 2.9361
Epoch [177/1000], Loss: 2.9361, Time remaining: ~0.0h 9.0m 17s
Epoch [178/1000], Loss: 2.9719
Epoch [178/1000], Loss: 2.9719, Time remaining: ~0.0h 9.0m 16s
Epoch [179/1000], Loss: 2.9170
Epoch [179/1000], Loss: 2.9170, Time remaining: ~0.0h 9.0m 15s
Epoch [180/1000], Loss: 2.8928
Epoch [180/1000], Loss: 2.8928, Time remaining: ~0.0h 9.0m 14s
Epoch [181/1000], Loss: 2.9241
Epoch [181/1000], Loss: 2.9241, Time remaining: ~0.0h 9.0m 13s
Epoch [182/1000], Loss: 2.9389
Epoch [182/1000], Loss: 2.9389, Time remaining: ~0.0h 9.0m 13s
Epoch [183/1000], Loss: 2.8672
Epoch [183/1000], Loss: 2.8672, Time remaining: ~0.0h 9.0m 12s
Epoch [184/1000], Loss: 2.8679
Epoch [184/1000], Loss: 2.8679, Time remaining: ~0.0h 9.0m 12s
Epoch [185/1000], Loss: 2.9344
Epoch [185/1000], Loss: 2.9344, Time remaining: ~0.0h 9.0m 12s
Epoch [186/1000], Loss: 2.8929
Epoch [186/1000], Loss: 2.8929, Time remaining: ~0.0h 9.0m 11s
Epoch [187/1000], Loss: 2.9088
Epoch [187/1000], Loss: 2.9088, Time remaining: ~0.0h 9.0m 10s
Epoch [188/1000], Loss: 2.8859
Epoch [188/1000], Loss: 2.8859, Time remaining: ~0.0h 9.0m 9s
Epoch [189/1000], Loss: 2.8662
Epoch [189/1000], Loss: 2.8662, Time remaining: ~0.0h 9.0m 8s
Epoch [190/1000], Loss: 2.9018
Epoch [190/1000], Loss: 2.9018, Time remaining: ~0.0h 9.0m 7s
Epoch [191/1000], Loss: 2.8798
Epoch [191/1000], Loss: 2.8798, Time remaining: ~0.0h 9.0m 6s
Epoch [192/1000], Loss: 2.8350
Epoch [192/1000], Loss: 2.8350, Time remaining: ~0.0h 9.0m 5s

Epoch [193/1000], Loss: 2.8701
Epoch [193/1000], Loss: 2.8701, Time remaining: ~0.0h 9.0m 4s
Epoch [194/1000], Loss: 2.8565
Epoch [194/1000], Loss: 2.8565, Time remaining: ~0.0h 9.0m 3s
Epoch [195/1000], Loss: 2.8587
Epoch [195/1000], Loss: 2.8587, Time remaining: ~0.0h 9.0m 2s
Epoch [196/1000], Loss: 2.8639
Epoch [196/1000], Loss: 2.8639, Time remaining: ~0.0h 9.0m 1s
Epoch [197/1000], Loss: 2.8704
Epoch [197/1000], Loss: 2.8704, Time remaining: ~0.0h 8.0m 59s
Epoch [198/1000], Loss: 2.8287
Epoch [198/1000], Loss: 2.8287, Time remaining: ~0.0h 8.0m 58s
Epoch [199/1000], Loss: 2.8798
Epoch [199/1000], Loss: 2.8798, Time remaining: ~0.0h 8.0m 57s
Epoch [200/1000], Loss: 2.8308
Epoch [200/1000], Loss: 2.8308, Time remaining: ~0.0h 8.0m 56s
Epoch [201/1000], Loss: 2.8648
Epoch [201/1000], Loss: 2.8648, Time remaining: ~0.0h 8.0m 55s
Epoch [202/1000], Loss: 2.8311
Epoch [202/1000], Loss: 2.8311, Time remaining: ~0.0h 8.0m 54s
Epoch [203/1000], Loss: 2.8445
Epoch [203/1000], Loss: 2.8445, Time remaining: ~0.0h 8.0m 53s
Epoch [204/1000], Loss: 2.8038
Epoch [204/1000], Loss: 2.8038, Time remaining: ~0.0h 8.0m 52s
Epoch [205/1000], Loss: 2.8542
Epoch [205/1000], Loss: 2.8542, Time remaining: ~0.0h 8.0m 51s
Epoch [206/1000], Loss: 2.8263
Epoch [206/1000], Loss: 2.8263, Time remaining: ~0.0h 8.0m 50s
Epoch [207/1000], Loss: 2.7931
Epoch [207/1000], Loss: 2.7931, Time remaining: ~0.0h 8.0m 50s
Epoch [208/1000], Loss: 2.8373
Epoch [208/1000], Loss: 2.8373, Time remaining: ~0.0h 8.0m 49s
Epoch [209/1000], Loss: 2.8022
Epoch [209/1000], Loss: 2.8022, Time remaining: ~0.0h 8.0m 49s
Epoch [210/1000], Loss: 2.8199
Epoch [210/1000], Loss: 2.8199, Time remaining: ~0.0h 8.0m 48s
Epoch [211/1000], Loss: 2.8178
Epoch [211/1000], Loss: 2.8178, Time remaining: ~0.0h 8.0m 47s
Epoch [212/1000], Loss: 2.7742
Epoch [212/1000], Loss: 2.7742, Time remaining: ~0.0h 8.0m 47s
Epoch [213/1000], Loss: 2.8070
Epoch [213/1000], Loss: 2.8070, Time remaining: ~0.0h 8.0m 46s
Epoch [214/1000], Loss: 2.7959
Epoch [214/1000], Loss: 2.7959, Time remaining: ~0.0h 8.0m 46s
Epoch [215/1000], Loss: 2.7910
Epoch [215/1000], Loss: 2.7910, Time remaining: ~0.0h 8.0m 45s
Epoch [216/1000], Loss: 2.7922
Epoch [216/1000], Loss: 2.7922, Time remaining: ~0.0h 8.0m 44s

Epoch [217/1000], Loss: 2.7793
Epoch [217/1000], Loss: 2.7793, Time remaining: ~0.0h 8.0m 44s
Epoch [218/1000], Loss: 2.7714
Epoch [218/1000], Loss: 2.7714, Time remaining: ~0.0h 8.0m 43s
Epoch [219/1000], Loss: 2.7310
Epoch [219/1000], Loss: 2.7310, Time remaining: ~0.0h 8.0m 43s
Epoch [220/1000], Loss: 2.7524
Epoch [220/1000], Loss: 2.7524, Time remaining: ~0.0h 8.0m 43s
Epoch [221/1000], Loss: 2.7687
Epoch [221/1000], Loss: 2.7687, Time remaining: ~0.0h 8.0m 42s
Epoch [222/1000], Loss: 2.7570
Epoch [222/1000], Loss: 2.7570, Time remaining: ~0.0h 8.0m 42s
Epoch [223/1000], Loss: 2.7778
Epoch [223/1000], Loss: 2.7778, Time remaining: ~0.0h 8.0m 42s
Epoch [224/1000], Loss: 2.7046
Epoch [224/1000], Loss: 2.7046, Time remaining: ~0.0h 8.0m 42s
Epoch [225/1000], Loss: 2.7433
Epoch [225/1000], Loss: 2.7433, Time remaining: ~0.0h 8.0m 41s
Epoch [226/1000], Loss: 2.7516
Epoch [226/1000], Loss: 2.7516, Time remaining: ~0.0h 8.0m 40s
Epoch [227/1000], Loss: 2.7592
Epoch [227/1000], Loss: 2.7592, Time remaining: ~0.0h 8.0m 39s
Epoch [228/1000], Loss: 2.8566
Epoch [228/1000], Loss: 2.8566, Time remaining: ~0.0h 8.0m 38s
Epoch [229/1000], Loss: 2.7426
Epoch [229/1000], Loss: 2.7426, Time remaining: ~0.0h 8.0m 38s
Epoch [230/1000], Loss: 2.7303
Epoch [230/1000], Loss: 2.7303, Time remaining: ~0.0h 8.0m 37s
Epoch [231/1000], Loss: 2.7673
Epoch [231/1000], Loss: 2.7673, Time remaining: ~0.0h 8.0m 36s
Epoch [232/1000], Loss: 2.7270
Epoch [232/1000], Loss: 2.7270, Time remaining: ~0.0h 8.0m 36s
Epoch [233/1000], Loss: 2.7758
Epoch [233/1000], Loss: 2.7758, Time remaining: ~0.0h 8.0m 35s
Epoch [234/1000], Loss: 2.7509
Epoch [234/1000], Loss: 2.7509, Time remaining: ~0.0h 8.0m 34s
Epoch [235/1000], Loss: 2.8100
Epoch [235/1000], Loss: 2.8100, Time remaining: ~0.0h 8.0m 33s
Epoch [236/1000], Loss: 2.7328
Epoch [236/1000], Loss: 2.7328, Time remaining: ~0.0h 8.0m 32s
Epoch [237/1000], Loss: 2.7397
Epoch [237/1000], Loss: 2.7397, Time remaining: ~0.0h 8.0m 31s
Epoch [238/1000], Loss: 2.7423
Epoch [238/1000], Loss: 2.7423, Time remaining: ~0.0h 8.0m 30s
Epoch [239/1000], Loss: 2.6970
Epoch [239/1000], Loss: 2.6970, Time remaining: ~0.0h 8.0m 29s
Epoch [240/1000], Loss: 2.7161
Epoch [240/1000], Loss: 2.7161, Time remaining: ~0.0h 8.0m 29s

Epoch [241/1000], Loss: 2.7040
Epoch [241/1000], Loss: 2.7040, Time remaining: ~0.0h 8.0m 28s
Epoch [242/1000], Loss: 2.6819
Epoch [242/1000], Loss: 2.6819, Time remaining: ~0.0h 8.0m 27s
Epoch [243/1000], Loss: 2.7034
Epoch [243/1000], Loss: 2.7034, Time remaining: ~0.0h 8.0m 27s
Epoch [244/1000], Loss: 2.7043
Epoch [244/1000], Loss: 2.7043, Time remaining: ~0.0h 8.0m 26s
Epoch [245/1000], Loss: 2.6619
Epoch [245/1000], Loss: 2.6619, Time remaining: ~0.0h 8.0m 25s
Epoch [246/1000], Loss: 2.6949
Epoch [246/1000], Loss: 2.6949, Time remaining: ~0.0h 8.0m 24s
Epoch [247/1000], Loss: 2.7013
Epoch [247/1000], Loss: 2.7013, Time remaining: ~0.0h 8.0m 24s
Epoch [248/1000], Loss: 2.6584
Epoch [248/1000], Loss: 2.6584, Time remaining: ~0.0h 8.0m 23s
Epoch [249/1000], Loss: 2.7359
Epoch [249/1000], Loss: 2.7359, Time remaining: ~0.0h 8.0m 22s
Epoch [250/1000], Loss: 2.7083
Epoch [250/1000], Loss: 2.7083, Time remaining: ~0.0h 8.0m 22s
Epoch [251/1000], Loss: 2.7424
Epoch [251/1000], Loss: 2.7424, Time remaining: ~0.0h 8.0m 21s
Epoch [252/1000], Loss: 2.6987
Epoch [252/1000], Loss: 2.6987, Time remaining: ~0.0h 8.0m 20s
Epoch [253/1000], Loss: 2.6905
Epoch [253/1000], Loss: 2.6905, Time remaining: ~0.0h 8.0m 20s
Epoch [254/1000], Loss: 2.6638
Epoch [254/1000], Loss: 2.6638, Time remaining: ~0.0h 8.0m 19s
Epoch [255/1000], Loss: 2.6907
Epoch [255/1000], Loss: 2.6907, Time remaining: ~0.0h 8.0m 18s
Epoch [256/1000], Loss: 2.6609
Epoch [256/1000], Loss: 2.6609, Time remaining: ~0.0h 8.0m 18s
Epoch [257/1000], Loss: 2.6669
Epoch [257/1000], Loss: 2.6669, Time remaining: ~0.0h 8.0m 18s
Epoch [258/1000], Loss: 2.6505
Epoch [258/1000], Loss: 2.6505, Time remaining: ~0.0h 8.0m 17s
Epoch [259/1000], Loss: 2.6594
Epoch [259/1000], Loss: 2.6594, Time remaining: ~0.0h 8.0m 16s
Epoch [260/1000], Loss: 2.6460
Epoch [260/1000], Loss: 2.6460, Time remaining: ~0.0h 8.0m 15s
Epoch [261/1000], Loss: 2.6495
Epoch [261/1000], Loss: 2.6495, Time remaining: ~0.0h 8.0m 15s
Epoch [262/1000], Loss: 2.6621
Epoch [262/1000], Loss: 2.6621, Time remaining: ~0.0h 8.0m 14s
Epoch [263/1000], Loss: 2.6356
Epoch [263/1000], Loss: 2.6356, Time remaining: ~0.0h 8.0m 13s
Epoch [264/1000], Loss: 2.6268
Epoch [264/1000], Loss: 2.6268, Time remaining: ~0.0h 8.0m 13s

Epoch [265/1000], Loss: 2.6434
Epoch [265/1000], Loss: 2.6434, Time remaining: ~0.0h 8.0m 12s
Epoch [266/1000], Loss: 2.6457
Epoch [266/1000], Loss: 2.6457, Time remaining: ~0.0h 8.0m 11s
Epoch [267/1000], Loss: 2.6959
Epoch [267/1000], Loss: 2.6959, Time remaining: ~0.0h 8.0m 10s
Epoch [268/1000], Loss: 2.6534
Epoch [268/1000], Loss: 2.6534, Time remaining: ~0.0h 8.0m 9s
Epoch [269/1000], Loss: 2.6336
Epoch [269/1000], Loss: 2.6336, Time remaining: ~0.0h 8.0m 8s
Epoch [270/1000], Loss: 2.6397
Epoch [270/1000], Loss: 2.6397, Time remaining: ~0.0h 8.0m 8s
Epoch [271/1000], Loss: 2.5931
Epoch [271/1000], Loss: 2.5931, Time remaining: ~0.0h 8.0m 7s
Epoch [272/1000], Loss: 2.6274
Epoch [272/1000], Loss: 2.6274, Time remaining: ~0.0h 8.0m 7s
Epoch [273/1000], Loss: 2.6470
Epoch [273/1000], Loss: 2.6470, Time remaining: ~0.0h 8.0m 6s
Epoch [274/1000], Loss: 2.6120
Epoch [274/1000], Loss: 2.6120, Time remaining: ~0.0h 8.0m 6s
Epoch [275/1000], Loss: 2.5953
Epoch [275/1000], Loss: 2.5953, Time remaining: ~0.0h 8.0m 5s
Epoch [276/1000], Loss: 2.6140
Epoch [276/1000], Loss: 2.6140, Time remaining: ~0.0h 8.0m 4s
Epoch [277/1000], Loss: 2.6061
Epoch [277/1000], Loss: 2.6061, Time remaining: ~0.0h 8.0m 3s
Epoch [278/1000], Loss: 2.6180
Epoch [278/1000], Loss: 2.6180, Time remaining: ~0.0h 8.0m 3s
Epoch [279/1000], Loss: 2.6001
Epoch [279/1000], Loss: 2.6001, Time remaining: ~0.0h 8.0m 2s
Epoch [280/1000], Loss: 2.6157
Epoch [280/1000], Loss: 2.6157, Time remaining: ~0.0h 8.0m 1s
Epoch [281/1000], Loss: 2.6585
Epoch [281/1000], Loss: 2.6585, Time remaining: ~0.0h 8.0m 1s
Epoch [282/1000], Loss: 2.6317
Epoch [282/1000], Loss: 2.6317, Time remaining: ~0.0h 7.0m 60s
Epoch [283/1000], Loss: 2.5750
Epoch [283/1000], Loss: 2.5750, Time remaining: ~0.0h 7.0m 59s
Epoch [284/1000], Loss: 2.5867
Epoch [284/1000], Loss: 2.5867, Time remaining: ~0.0h 7.0m 58s
Epoch [285/1000], Loss: 2.5734
Epoch [285/1000], Loss: 2.5734, Time remaining: ~0.0h 7.0m 58s
Epoch [286/1000], Loss: 2.6070
Epoch [286/1000], Loss: 2.6070, Time remaining: ~0.0h 7.0m 57s
Epoch [287/1000], Loss: 2.5968
Epoch [287/1000], Loss: 2.5968, Time remaining: ~0.0h 7.0m 56s
Epoch [288/1000], Loss: 2.5994
Epoch [288/1000], Loss: 2.5994, Time remaining: ~0.0h 7.0m 56s

Epoch [289/1000], Loss: 2.5670
Epoch [289/1000], Loss: 2.5670, Time remaining: ~0.0h 7.0m 55s
Epoch [290/1000], Loss: 2.5917
Epoch [290/1000], Loss: 2.5917, Time remaining: ~0.0h 7.0m 54s
Epoch [291/1000], Loss: 2.5928
Epoch [291/1000], Loss: 2.5928, Time remaining: ~0.0h 7.0m 54s
Epoch [292/1000], Loss: 2.5925
Epoch [292/1000], Loss: 2.5925, Time remaining: ~0.0h 7.0m 53s
Epoch [293/1000], Loss: 2.5600
Epoch [293/1000], Loss: 2.5600, Time remaining: ~0.0h 7.0m 52s
Epoch [294/1000], Loss: 2.5343
Epoch [294/1000], Loss: 2.5343, Time remaining: ~0.0h 7.0m 52s
Epoch [295/1000], Loss: 2.5714
Epoch [295/1000], Loss: 2.5714, Time remaining: ~0.0h 7.0m 51s
Epoch [296/1000], Loss: 2.6143
Epoch [296/1000], Loss: 2.6143, Time remaining: ~0.0h 7.0m 50s
Epoch [297/1000], Loss: 2.5916
Epoch [297/1000], Loss: 2.5916, Time remaining: ~0.0h 7.0m 49s
Epoch [298/1000], Loss: 2.5743
Epoch [298/1000], Loss: 2.5743, Time remaining: ~0.0h 7.0m 49s
Epoch [299/1000], Loss: 2.5596
Epoch [299/1000], Loss: 2.5596, Time remaining: ~0.0h 7.0m 48s
Epoch [300/1000], Loss: 2.5971
Epoch [300/1000], Loss: 2.5971, Time remaining: ~0.0h 7.0m 47s
Epoch [301/1000], Loss: 2.5385
Epoch [301/1000], Loss: 2.5385, Time remaining: ~0.0h 7.0m 47s
Epoch [302/1000], Loss: 2.5545
Epoch [302/1000], Loss: 2.5545, Time remaining: ~0.0h 7.0m 46s
Epoch [303/1000], Loss: 2.5379
Epoch [303/1000], Loss: 2.5379, Time remaining: ~0.0h 7.0m 45s
Epoch [304/1000], Loss: 2.5796
Epoch [304/1000], Loss: 2.5796, Time remaining: ~0.0h 7.0m 44s
Epoch [305/1000], Loss: 2.5157
Epoch [305/1000], Loss: 2.5157, Time remaining: ~0.0h 7.0m 44s
Epoch [306/1000], Loss: 2.5263
Epoch [306/1000], Loss: 2.5263, Time remaining: ~0.0h 7.0m 43s
Epoch [307/1000], Loss: 2.5665
Epoch [307/1000], Loss: 2.5665, Time remaining: ~0.0h 7.0m 42s
Epoch [308/1000], Loss: 2.5230
Epoch [308/1000], Loss: 2.5230, Time remaining: ~0.0h 7.0m 41s
Epoch [309/1000], Loss: 2.5787
Epoch [309/1000], Loss: 2.5787, Time remaining: ~0.0h 7.0m 41s
Epoch [310/1000], Loss: 2.5526
Epoch [310/1000], Loss: 2.5526, Time remaining: ~0.0h 7.0m 40s
Epoch [311/1000], Loss: 2.5808
Epoch [311/1000], Loss: 2.5808, Time remaining: ~0.0h 7.0m 39s
Epoch [312/1000], Loss: 2.5729
Epoch [312/1000], Loss: 2.5729, Time remaining: ~0.0h 7.0m 39s

Epoch [313/1000], Loss: 2.5364
Epoch [313/1000], Loss: 2.5364, Time remaining: ~0.0h 7.0m 38s
Epoch [314/1000], Loss: 2.5776
Epoch [314/1000], Loss: 2.5776, Time remaining: ~0.0h 7.0m 37s
Epoch [315/1000], Loss: 2.5681
Epoch [315/1000], Loss: 2.5681, Time remaining: ~0.0h 7.0m 36s
Epoch [316/1000], Loss: 2.5234
Epoch [316/1000], Loss: 2.5234, Time remaining: ~0.0h 7.0m 36s
Epoch [317/1000], Loss: 2.5311
Epoch [317/1000], Loss: 2.5311, Time remaining: ~0.0h 7.0m 35s
Epoch [318/1000], Loss: 2.5298
Epoch [318/1000], Loss: 2.5298, Time remaining: ~0.0h 7.0m 34s
Epoch [319/1000], Loss: 2.5476
Epoch [319/1000], Loss: 2.5476, Time remaining: ~0.0h 7.0m 33s
Epoch [320/1000], Loss: 2.5421
Epoch [320/1000], Loss: 2.5421, Time remaining: ~0.0h 7.0m 33s
Epoch [321/1000], Loss: 2.4902
Epoch [321/1000], Loss: 2.4902, Time remaining: ~0.0h 7.0m 32s
Epoch [322/1000], Loss: 2.5515
Epoch [322/1000], Loss: 2.5515, Time remaining: ~0.0h 7.0m 31s
Epoch [323/1000], Loss: 2.5325
Epoch [323/1000], Loss: 2.5325, Time remaining: ~0.0h 7.0m 31s
Epoch [324/1000], Loss: 2.5506
Epoch [324/1000], Loss: 2.5506, Time remaining: ~0.0h 7.0m 30s
Epoch [325/1000], Loss: 2.5287
Epoch [325/1000], Loss: 2.5287, Time remaining: ~0.0h 7.0m 30s
Epoch [326/1000], Loss: 2.5130
Epoch [326/1000], Loss: 2.5130, Time remaining: ~0.0h 7.0m 29s
Epoch [327/1000], Loss: 2.5273
Epoch [327/1000], Loss: 2.5273, Time remaining: ~0.0h 7.0m 28s
Epoch [328/1000], Loss: 2.4924
Epoch [328/1000], Loss: 2.4924, Time remaining: ~0.0h 7.0m 28s
Epoch [329/1000], Loss: 2.5050
Epoch [329/1000], Loss: 2.5050, Time remaining: ~0.0h 7.0m 27s
Epoch [330/1000], Loss: 2.5098
Epoch [330/1000], Loss: 2.5098, Time remaining: ~0.0h 7.0m 27s
Epoch [331/1000], Loss: 2.4836
Epoch [331/1000], Loss: 2.4836, Time remaining: ~0.0h 7.0m 26s
Epoch [332/1000], Loss: 2.5120
Epoch [332/1000], Loss: 2.5120, Time remaining: ~0.0h 7.0m 25s
Epoch [333/1000], Loss: 2.5019
Epoch [333/1000], Loss: 2.5019, Time remaining: ~0.0h 7.0m 25s
Epoch [334/1000], Loss: 2.5153
Epoch [334/1000], Loss: 2.5153, Time remaining: ~0.0h 7.0m 24s
Epoch [335/1000], Loss: 2.5224
Epoch [335/1000], Loss: 2.5224, Time remaining: ~0.0h 7.0m 24s
Epoch [336/1000], Loss: 2.4889
Epoch [336/1000], Loss: 2.4889, Time remaining: ~0.0h 7.0m 23s

Epoch [337/1000], Loss: 2.4792
Epoch [337/1000], Loss: 2.4792, Time remaining: ~0.0h 7.0m 22s
Epoch [338/1000], Loss: 2.4977
Epoch [338/1000], Loss: 2.4977, Time remaining: ~0.0h 7.0m 22s
Epoch [339/1000], Loss: 2.4947
Epoch [339/1000], Loss: 2.4947, Time remaining: ~0.0h 7.0m 21s
Epoch [340/1000], Loss: 2.5196
Epoch [340/1000], Loss: 2.5196, Time remaining: ~0.0h 7.0m 20s
Epoch [341/1000], Loss: 2.4544
Epoch [341/1000], Loss: 2.4544, Time remaining: ~0.0h 7.0m 20s
Epoch [342/1000], Loss: 2.4760
Epoch [342/1000], Loss: 2.4760, Time remaining: ~0.0h 7.0m 20s
Epoch [343/1000], Loss: 2.4815
Epoch [343/1000], Loss: 2.4815, Time remaining: ~0.0h 7.0m 19s
Epoch [344/1000], Loss: 2.4828
Epoch [344/1000], Loss: 2.4828, Time remaining: ~0.0h 7.0m 18s
Epoch [345/1000], Loss: 2.4802
Epoch [345/1000], Loss: 2.4802, Time remaining: ~0.0h 7.0m 17s
Epoch [346/1000], Loss: 2.4885
Epoch [346/1000], Loss: 2.4885, Time remaining: ~0.0h 7.0m 17s
Epoch [347/1000], Loss: 2.5031
Epoch [347/1000], Loss: 2.5031, Time remaining: ~0.0h 7.0m 16s
Epoch [348/1000], Loss: 2.5008
Epoch [348/1000], Loss: 2.5008, Time remaining: ~0.0h 7.0m 16s
Epoch [349/1000], Loss: 2.4290
Epoch [349/1000], Loss: 2.4290, Time remaining: ~0.0h 7.0m 15s
Epoch [350/1000], Loss: 2.4376
Epoch [350/1000], Loss: 2.4376, Time remaining: ~0.0h 7.0m 15s
Epoch [351/1000], Loss: 2.5295
Epoch [351/1000], Loss: 2.5295, Time remaining: ~0.0h 7.0m 14s
Epoch [352/1000], Loss: 2.4608
Epoch [352/1000], Loss: 2.4608, Time remaining: ~0.0h 7.0m 13s
Epoch [353/1000], Loss: 2.4571
Epoch [353/1000], Loss: 2.4571, Time remaining: ~0.0h 7.0m 13s
Epoch [354/1000], Loss: 2.4995
Epoch [354/1000], Loss: 2.4995, Time remaining: ~0.0h 7.0m 12s
Epoch [355/1000], Loss: 2.4934
Epoch [355/1000], Loss: 2.4934, Time remaining: ~0.0h 7.0m 12s
Epoch [356/1000], Loss: 2.4989
Epoch [356/1000], Loss: 2.4989, Time remaining: ~0.0h 7.0m 11s
Epoch [357/1000], Loss: 2.4602
Epoch [357/1000], Loss: 2.4602, Time remaining: ~0.0h 7.0m 11s
Epoch [358/1000], Loss: 2.4594
Epoch [358/1000], Loss: 2.4594, Time remaining: ~0.0h 7.0m 11s
Epoch [359/1000], Loss: 2.4618
Epoch [359/1000], Loss: 2.4618, Time remaining: ~0.0h 7.0m 10s
Epoch [360/1000], Loss: 2.4689
Epoch [360/1000], Loss: 2.4689, Time remaining: ~0.0h 7.0m 9s

Epoch [361/1000], Loss: 2.4302
Epoch [361/1000], Loss: 2.4302, Time remaining: ~0.0h 7.0m 9s
Epoch [362/1000], Loss: 2.4350
Epoch [362/1000], Loss: 2.4350, Time remaining: ~0.0h 7.0m 8s
Epoch [363/1000], Loss: 2.4683
Epoch [363/1000], Loss: 2.4683, Time remaining: ~0.0h 7.0m 8s
Epoch [364/1000], Loss: 2.4715
Epoch [364/1000], Loss: 2.4715, Time remaining: ~0.0h 7.0m 8s
Epoch [365/1000], Loss: 2.4397
Epoch [365/1000], Loss: 2.4397, Time remaining: ~0.0h 7.0m 7s
Epoch [366/1000], Loss: 2.4301
Epoch [366/1000], Loss: 2.4301, Time remaining: ~0.0h 7.0m 6s
Epoch [367/1000], Loss: 2.4212
Epoch [367/1000], Loss: 2.4212, Time remaining: ~0.0h 7.0m 6s
Epoch [368/1000], Loss: 2.4418
Epoch [368/1000], Loss: 2.4418, Time remaining: ~0.0h 7.0m 6s
Epoch [369/1000], Loss: 2.4327
Epoch [369/1000], Loss: 2.4327, Time remaining: ~0.0h 7.0m 5s
Epoch [370/1000], Loss: 2.4455
Epoch [370/1000], Loss: 2.4455, Time remaining: ~0.0h 7.0m 5s
Epoch [371/1000], Loss: 2.4301
Epoch [371/1000], Loss: 2.4301, Time remaining: ~0.0h 7.0m 4s
Epoch [372/1000], Loss: 2.4074
Epoch [372/1000], Loss: 2.4074, Time remaining: ~0.0h 7.0m 4s
Epoch [373/1000], Loss: 2.4352
Epoch [373/1000], Loss: 2.4352, Time remaining: ~0.0h 7.0m 3s
Epoch [374/1000], Loss: 2.4643
Epoch [374/1000], Loss: 2.4643, Time remaining: ~0.0h 7.0m 2s
Epoch [375/1000], Loss: 2.4280
Epoch [375/1000], Loss: 2.4280, Time remaining: ~0.0h 7.0m 1s
Epoch [376/1000], Loss: 2.3825
Epoch [376/1000], Loss: 2.3825, Time remaining: ~0.0h 7.0m 0s
Epoch [377/1000], Loss: 2.4329
Epoch [377/1000], Loss: 2.4329, Time remaining: ~0.0h 6.0m 60s
Epoch [378/1000], Loss: 2.3958
Epoch [378/1000], Loss: 2.3958, Time remaining: ~0.0h 6.0m 59s
Epoch [379/1000], Loss: 2.4426
Epoch [379/1000], Loss: 2.4426, Time remaining: ~0.0h 6.0m 58s
Epoch [380/1000], Loss: 2.4013
Epoch [380/1000], Loss: 2.4013, Time remaining: ~0.0h 6.0m 58s
Epoch [381/1000], Loss: 2.4340
Epoch [381/1000], Loss: 2.4340, Time remaining: ~0.0h 6.0m 57s
Epoch [382/1000], Loss: 2.4077
Epoch [382/1000], Loss: 2.4077, Time remaining: ~0.0h 6.0m 56s
Epoch [383/1000], Loss: 2.3708
Epoch [383/1000], Loss: 2.3708, Time remaining: ~0.0h 6.0m 55s
Epoch [384/1000], Loss: 2.3872
Epoch [384/1000], Loss: 2.3872, Time remaining: ~0.0h 6.0m 54s

Epoch [385/1000], Loss: 2.4638
Epoch [385/1000], Loss: 2.4638, Time remaining: ~0.0h 6.0m 54s
Epoch [386/1000], Loss: 2.4021
Epoch [386/1000], Loss: 2.4021, Time remaining: ~0.0h 6.0m 53s
Epoch [387/1000], Loss: 2.3977
Epoch [387/1000], Loss: 2.3977, Time remaining: ~0.0h 6.0m 52s
Epoch [388/1000], Loss: 2.4127
Epoch [388/1000], Loss: 2.4127, Time remaining: ~0.0h 6.0m 52s
Epoch [389/1000], Loss: 2.3765
Epoch [389/1000], Loss: 2.3765, Time remaining: ~0.0h 6.0m 51s
Epoch [390/1000], Loss: 2.3928
Epoch [390/1000], Loss: 2.3928, Time remaining: ~0.0h 6.0m 50s
Epoch [391/1000], Loss: 2.4059
Epoch [391/1000], Loss: 2.4059, Time remaining: ~0.0h 6.0m 50s
Epoch [392/1000], Loss: 2.3967
Epoch [392/1000], Loss: 2.3967, Time remaining: ~0.0h 6.0m 49s
Epoch [393/1000], Loss: 2.3866
Epoch [393/1000], Loss: 2.3866, Time remaining: ~0.0h 6.0m 48s
Epoch [394/1000], Loss: 2.4038
Epoch [394/1000], Loss: 2.4038, Time remaining: ~0.0h 6.0m 47s
Epoch [395/1000], Loss: 2.4246
Epoch [395/1000], Loss: 2.4246, Time remaining: ~0.0h 6.0m 47s
Epoch [396/1000], Loss: 2.3632
Epoch [396/1000], Loss: 2.3632, Time remaining: ~0.0h 6.0m 46s
Epoch [397/1000], Loss: 2.3751
Epoch [397/1000], Loss: 2.3751, Time remaining: ~0.0h 6.0m 45s
Epoch [398/1000], Loss: 2.4436
Epoch [398/1000], Loss: 2.4436, Time remaining: ~0.0h 6.0m 44s
Epoch [399/1000], Loss: 2.3925
Epoch [399/1000], Loss: 2.3925, Time remaining: ~0.0h 6.0m 44s
Epoch [400/1000], Loss: 2.3958
Epoch [400/1000], Loss: 2.3958, Time remaining: ~0.0h 6.0m 43s
Epoch [401/1000], Loss: 2.4089
Epoch [401/1000], Loss: 2.4089, Time remaining: ~0.0h 6.0m 42s
Epoch [402/1000], Loss: 2.4210
Epoch [402/1000], Loss: 2.4210, Time remaining: ~0.0h 6.0m 41s
Epoch [403/1000], Loss: 2.4309
Epoch [403/1000], Loss: 2.4309, Time remaining: ~0.0h 6.0m 41s
Epoch [404/1000], Loss: 2.3684
Epoch [404/1000], Loss: 2.3684, Time remaining: ~0.0h 6.0m 40s
Epoch [405/1000], Loss: 2.3475
Epoch [405/1000], Loss: 2.3475, Time remaining: ~0.0h 6.0m 39s
Epoch [406/1000], Loss: 2.3353
Epoch [406/1000], Loss: 2.3353, Time remaining: ~0.0h 6.0m 39s
Epoch [407/1000], Loss: 2.3933
Epoch [407/1000], Loss: 2.3933, Time remaining: ~0.0h 6.0m 38s
Epoch [408/1000], Loss: 2.3718
Epoch [408/1000], Loss: 2.3718, Time remaining: ~0.0h 6.0m 38s

Epoch [409/1000], Loss: 2.3862
Epoch [409/1000], Loss: 2.3862, Time remaining: ~0.0h 6.0m 37s
Epoch [410/1000], Loss: 2.3773
Epoch [410/1000], Loss: 2.3773, Time remaining: ~0.0h 6.0m 36s
Epoch [411/1000], Loss: 2.3828
Epoch [411/1000], Loss: 2.3828, Time remaining: ~0.0h 6.0m 36s
Epoch [412/1000], Loss: 2.3906
Epoch [412/1000], Loss: 2.3906, Time remaining: ~0.0h 6.0m 35s
Epoch [413/1000], Loss: 2.3932
Epoch [413/1000], Loss: 2.3932, Time remaining: ~0.0h 6.0m 34s
Epoch [414/1000], Loss: 2.3394
Epoch [414/1000], Loss: 2.3394, Time remaining: ~0.0h 6.0m 34s
Epoch [415/1000], Loss: 2.4200
Epoch [415/1000], Loss: 2.4200, Time remaining: ~0.0h 6.0m 33s
Epoch [416/1000], Loss: 2.3667
Epoch [416/1000], Loss: 2.3667, Time remaining: ~0.0h 6.0m 32s
Epoch [417/1000], Loss: 2.3894
Epoch [417/1000], Loss: 2.3894, Time remaining: ~0.0h 6.0m 32s
Epoch [418/1000], Loss: 2.3530
Epoch [418/1000], Loss: 2.3530, Time remaining: ~0.0h 6.0m 31s
Epoch [419/1000], Loss: 2.3824
Epoch [419/1000], Loss: 2.3824, Time remaining: ~0.0h 6.0m 30s
Epoch [420/1000], Loss: 2.3758
Epoch [420/1000], Loss: 2.3758, Time remaining: ~0.0h 6.0m 30s
Epoch [421/1000], Loss: 2.3690
Epoch [421/1000], Loss: 2.3690, Time remaining: ~0.0h 6.0m 29s
Epoch [422/1000], Loss: 2.3700
Epoch [422/1000], Loss: 2.3700, Time remaining: ~0.0h 6.0m 28s
Epoch [423/1000], Loss: 2.3826
Epoch [423/1000], Loss: 2.3826, Time remaining: ~0.0h 6.0m 28s
Epoch [424/1000], Loss: 2.3773
Epoch [424/1000], Loss: 2.3773, Time remaining: ~0.0h 6.0m 27s
Epoch [425/1000], Loss: 2.3318
Epoch [425/1000], Loss: 2.3318, Time remaining: ~0.0h 6.0m 26s
Epoch [426/1000], Loss: 2.3320
Epoch [426/1000], Loss: 2.3320, Time remaining: ~0.0h 6.0m 26s
Epoch [427/1000], Loss: 2.3259
Epoch [427/1000], Loss: 2.3259, Time remaining: ~0.0h 6.0m 26s
Epoch [428/1000], Loss: 2.3589
Epoch [428/1000], Loss: 2.3589, Time remaining: ~0.0h 6.0m 25s
Epoch [429/1000], Loss: 2.3602
Epoch [429/1000], Loss: 2.3602, Time remaining: ~0.0h 6.0m 24s
Epoch [430/1000], Loss: 2.4103
Epoch [430/1000], Loss: 2.4103, Time remaining: ~0.0h 6.0m 24s
Epoch [431/1000], Loss: 2.3805
Epoch [431/1000], Loss: 2.3805, Time remaining: ~0.0h 6.0m 23s
Epoch [432/1000], Loss: 2.3302
Epoch [432/1000], Loss: 2.3302, Time remaining: ~0.0h 6.0m 23s

Epoch [433/1000], Loss: 2.3825
Epoch [433/1000], Loss: 2.3825, Time remaining: ~0.0h 6.0m 22s
Epoch [434/1000], Loss: 2.3919
Epoch [434/1000], Loss: 2.3919, Time remaining: ~0.0h 6.0m 21s
Epoch [435/1000], Loss: 2.3548
Epoch [435/1000], Loss: 2.3548, Time remaining: ~0.0h 6.0m 20s
Epoch [436/1000], Loss: 2.3359
Epoch [436/1000], Loss: 2.3359, Time remaining: ~0.0h 6.0m 20s
Epoch [437/1000], Loss: 2.3205
Epoch [437/1000], Loss: 2.3205, Time remaining: ~0.0h 6.0m 19s
Epoch [438/1000], Loss: 2.3216
Epoch [438/1000], Loss: 2.3216, Time remaining: ~0.0h 6.0m 18s
Epoch [439/1000], Loss: 2.3639
Epoch [439/1000], Loss: 2.3639, Time remaining: ~0.0h 6.0m 18s
Epoch [440/1000], Loss: 2.3358
Epoch [440/1000], Loss: 2.3358, Time remaining: ~0.0h 6.0m 17s
Epoch [441/1000], Loss: 2.3302
Epoch [441/1000], Loss: 2.3302, Time remaining: ~0.0h 6.0m 16s
Epoch [442/1000], Loss: 2.3617
Epoch [442/1000], Loss: 2.3617, Time remaining: ~0.0h 6.0m 15s
Epoch [443/1000], Loss: 2.3447
Epoch [443/1000], Loss: 2.3447, Time remaining: ~0.0h 6.0m 15s
Epoch [444/1000], Loss: 2.4534
Epoch [444/1000], Loss: 2.4534, Time remaining: ~0.0h 6.0m 14s
Epoch [445/1000], Loss: 2.3213
Epoch [445/1000], Loss: 2.3213, Time remaining: ~0.0h 6.0m 13s
Epoch [446/1000], Loss: 2.3793
Epoch [446/1000], Loss: 2.3793, Time remaining: ~0.0h 6.0m 12s
Epoch [447/1000], Loss: 2.3674
Epoch [447/1000], Loss: 2.3674, Time remaining: ~0.0h 6.0m 12s
Epoch [448/1000], Loss: 2.3304
Epoch [448/1000], Loss: 2.3304, Time remaining: ~0.0h 6.0m 11s
Epoch [449/1000], Loss: 2.2765
Epoch [449/1000], Loss: 2.2765, Time remaining: ~0.0h 6.0m 10s
Epoch [450/1000], Loss: 2.3692
Epoch [450/1000], Loss: 2.3692, Time remaining: ~0.0h 6.0m 9s
Epoch [451/1000], Loss: 2.3077
Epoch [451/1000], Loss: 2.3077, Time remaining: ~0.0h 6.0m 9s
Epoch [452/1000], Loss: 2.3454
Epoch [452/1000], Loss: 2.3454, Time remaining: ~0.0h 6.0m 8s
Epoch [453/1000], Loss: 2.3667
Epoch [453/1000], Loss: 2.3667, Time remaining: ~0.0h 6.0m 7s
Epoch [454/1000], Loss: 2.3209
Epoch [454/1000], Loss: 2.3209, Time remaining: ~0.0h 6.0m 7s
Epoch [455/1000], Loss: 2.3399
Epoch [455/1000], Loss: 2.3399, Time remaining: ~0.0h 6.0m 6s
Epoch [456/1000], Loss: 2.3394
Epoch [456/1000], Loss: 2.3394, Time remaining: ~0.0h 6.0m 6s

Epoch [457/1000], Loss: 2.3202
Epoch [457/1000], Loss: 2.3202, Time remaining: ~0.0h 6.0m 5s
Epoch [458/1000], Loss: 2.2946
Epoch [458/1000], Loss: 2.2946, Time remaining: ~0.0h 6.0m 4s
Epoch [459/1000], Loss: 2.3226
Epoch [459/1000], Loss: 2.3226, Time remaining: ~0.0h 6.0m 4s
Epoch [460/1000], Loss: 2.3112
Epoch [460/1000], Loss: 2.3112, Time remaining: ~0.0h 6.0m 3s
Epoch [461/1000], Loss: 2.3482
Epoch [461/1000], Loss: 2.3482, Time remaining: ~0.0h 6.0m 2s
Epoch [462/1000], Loss: 2.2650
Epoch [462/1000], Loss: 2.2650, Time remaining: ~0.0h 6.0m 1s
Epoch [463/1000], Loss: 2.3255
Epoch [463/1000], Loss: 2.3255, Time remaining: ~0.0h 6.0m 1s
Epoch [464/1000], Loss: 2.2969
Epoch [464/1000], Loss: 2.2969, Time remaining: ~0.0h 5.0m 60s
Epoch [465/1000], Loss: 2.2948
Epoch [465/1000], Loss: 2.2948, Time remaining: ~0.0h 5.0m 59s
Epoch [466/1000], Loss: 2.3309
Epoch [466/1000], Loss: 2.3309, Time remaining: ~0.0h 5.0m 59s
Epoch [467/1000], Loss: 2.3274
Epoch [467/1000], Loss: 2.3274, Time remaining: ~0.0h 5.0m 58s
Epoch [468/1000], Loss: 2.3307
Epoch [468/1000], Loss: 2.3307, Time remaining: ~0.0h 5.0m 57s
Epoch [469/1000], Loss: 2.3288
Epoch [469/1000], Loss: 2.3288, Time remaining: ~0.0h 5.0m 56s
Epoch [470/1000], Loss: 2.3265
Epoch [470/1000], Loss: 2.3265, Time remaining: ~0.0h 5.0m 56s
Epoch [471/1000], Loss: 2.2923
Epoch [471/1000], Loss: 2.2923, Time remaining: ~0.0h 5.0m 55s
Epoch [472/1000], Loss: 2.3329
Epoch [472/1000], Loss: 2.3329, Time remaining: ~0.0h 5.0m 54s
Epoch [473/1000], Loss: 2.3350
Epoch [473/1000], Loss: 2.3350, Time remaining: ~0.0h 5.0m 54s
Epoch [474/1000], Loss: 2.3679
Epoch [474/1000], Loss: 2.3679, Time remaining: ~0.0h 5.0m 53s
Epoch [475/1000], Loss: 2.3846
Epoch [475/1000], Loss: 2.3846, Time remaining: ~0.0h 5.0m 53s
Epoch [476/1000], Loss: 2.3129
Epoch [476/1000], Loss: 2.3129, Time remaining: ~0.0h 5.0m 52s
Epoch [477/1000], Loss: 2.3035
Epoch [477/1000], Loss: 2.3035, Time remaining: ~0.0h 5.0m 51s
Epoch [478/1000], Loss: 2.2704
Epoch [478/1000], Loss: 2.2704, Time remaining: ~0.0h 5.0m 51s
Epoch [479/1000], Loss: 2.3345
Epoch [479/1000], Loss: 2.3345, Time remaining: ~0.0h 5.0m 50s
Epoch [480/1000], Loss: 2.3299
Epoch [480/1000], Loss: 2.3299, Time remaining: ~0.0h 5.0m 50s

Epoch [481/1000], Loss: 2.2855
Epoch [481/1000], Loss: 2.2855, Time remaining: ~0.0h 5.0m 49s
Epoch [482/1000], Loss: 2.3212
Epoch [482/1000], Loss: 2.3212, Time remaining: ~0.0h 5.0m 48s
Epoch [483/1000], Loss: 2.2918
Epoch [483/1000], Loss: 2.2918, Time remaining: ~0.0h 5.0m 48s
Epoch [484/1000], Loss: 2.3217
Epoch [484/1000], Loss: 2.3217, Time remaining: ~0.0h 5.0m 47s
Epoch [485/1000], Loss: 2.3075
Epoch [485/1000], Loss: 2.3075, Time remaining: ~0.0h 5.0m 46s
Epoch [486/1000], Loss: 2.2939
Epoch [486/1000], Loss: 2.2939, Time remaining: ~0.0h 5.0m 45s
Epoch [487/1000], Loss: 2.2985
Epoch [487/1000], Loss: 2.2985, Time remaining: ~0.0h 5.0m 45s
Epoch [488/1000], Loss: 2.2772
Epoch [488/1000], Loss: 2.2772, Time remaining: ~0.0h 5.0m 44s
Epoch [489/1000], Loss: 2.2982
Epoch [489/1000], Loss: 2.2982, Time remaining: ~0.0h 5.0m 43s
Epoch [490/1000], Loss: 2.3166
Epoch [490/1000], Loss: 2.3166, Time remaining: ~0.0h 5.0m 43s
Epoch [491/1000], Loss: 2.3009
Epoch [491/1000], Loss: 2.3009, Time remaining: ~0.0h 5.0m 42s
Epoch [492/1000], Loss: 2.3161
Epoch [492/1000], Loss: 2.3161, Time remaining: ~0.0h 5.0m 42s
Epoch [493/1000], Loss: 2.2973
Epoch [493/1000], Loss: 2.2973, Time remaining: ~0.0h 5.0m 41s
Epoch [494/1000], Loss: 2.2526
Epoch [494/1000], Loss: 2.2526, Time remaining: ~0.0h 5.0m 40s
Epoch [495/1000], Loss: 2.2786
Epoch [495/1000], Loss: 2.2786, Time remaining: ~0.0h 5.0m 40s
Epoch [496/1000], Loss: 2.2749
Epoch [496/1000], Loss: 2.2749, Time remaining: ~0.0h 5.0m 39s
Epoch [497/1000], Loss: 2.2597
Epoch [497/1000], Loss: 2.2597, Time remaining: ~0.0h 5.0m 38s
Epoch [498/1000], Loss: 2.3261
Epoch [498/1000], Loss: 2.3261, Time remaining: ~0.0h 5.0m 38s
Epoch [499/1000], Loss: 2.2614
Epoch [499/1000], Loss: 2.2614, Time remaining: ~0.0h 5.0m 37s
Epoch [500/1000], Loss: 2.2848
Epoch [500/1000], Loss: 2.2848, Time remaining: ~0.0h 5.0m 36s
Epoch [501/1000], Loss: 2.2540
Epoch [501/1000], Loss: 2.2540, Time remaining: ~0.0h 5.0m 36s
Epoch [502/1000], Loss: 2.2909
Epoch [502/1000], Loss: 2.2909, Time remaining: ~0.0h 5.0m 35s
Epoch [503/1000], Loss: 2.2846
Epoch [503/1000], Loss: 2.2846, Time remaining: ~0.0h 5.0m 34s
Epoch [504/1000], Loss: 2.2767
Epoch [504/1000], Loss: 2.2767, Time remaining: ~0.0h 5.0m 34s

Epoch [505/1000], Loss: 2.2753
Epoch [505/1000], Loss: 2.2753, Time remaining: ~0.0h 5.0m 33s
Epoch [506/1000], Loss: 2.2775
Epoch [506/1000], Loss: 2.2775, Time remaining: ~0.0h 5.0m 32s
Epoch [507/1000], Loss: 2.2557
Epoch [507/1000], Loss: 2.2557, Time remaining: ~0.0h 5.0m 31s
Epoch [508/1000], Loss: 2.2721
Epoch [508/1000], Loss: 2.2721, Time remaining: ~0.0h 5.0m 31s
Epoch [509/1000], Loss: 2.2866
Epoch [509/1000], Loss: 2.2866, Time remaining: ~0.0h 5.0m 30s
Epoch [510/1000], Loss: 2.2633
Epoch [510/1000], Loss: 2.2633, Time remaining: ~0.0h 5.0m 29s
Epoch [511/1000], Loss: 2.2922
Epoch [511/1000], Loss: 2.2922, Time remaining: ~0.0h 5.0m 29s
Epoch [512/1000], Loss: 2.2752
Epoch [512/1000], Loss: 2.2752, Time remaining: ~0.0h 5.0m 28s
Epoch [513/1000], Loss: 2.2936
Epoch [513/1000], Loss: 2.2936, Time remaining: ~0.0h 5.0m 27s
Epoch [514/1000], Loss: 2.2658
Epoch [514/1000], Loss: 2.2658, Time remaining: ~0.0h 5.0m 27s
Epoch [515/1000], Loss: 2.2746
Epoch [515/1000], Loss: 2.2746, Time remaining: ~0.0h 5.0m 26s
Epoch [516/1000], Loss: 2.2808
Epoch [516/1000], Loss: 2.2808, Time remaining: ~0.0h 5.0m 25s
Epoch [517/1000], Loss: 2.2403
Epoch [517/1000], Loss: 2.2403, Time remaining: ~0.0h 5.0m 25s
Epoch [518/1000], Loss: 2.3020
Epoch [518/1000], Loss: 2.3020, Time remaining: ~0.0h 5.0m 24s
Epoch [519/1000], Loss: 2.2816
Epoch [519/1000], Loss: 2.2816, Time remaining: ~0.0h 5.0m 23s
Epoch [520/1000], Loss: 2.2632
Epoch [520/1000], Loss: 2.2632, Time remaining: ~0.0h 5.0m 23s
Epoch [521/1000], Loss: 2.2577
Epoch [521/1000], Loss: 2.2577, Time remaining: ~0.0h 5.0m 22s
Epoch [522/1000], Loss: 2.2596
Epoch [522/1000], Loss: 2.2596, Time remaining: ~0.0h 5.0m 21s
Epoch [523/1000], Loss: 2.2827
Epoch [523/1000], Loss: 2.2827, Time remaining: ~0.0h 5.0m 20s
Epoch [524/1000], Loss: 2.2468
Epoch [524/1000], Loss: 2.2468, Time remaining: ~0.0h 5.0m 20s
Epoch [525/1000], Loss: 2.2202
Epoch [525/1000], Loss: 2.2202, Time remaining: ~0.0h 5.0m 19s
Epoch [526/1000], Loss: 2.2133
Epoch [526/1000], Loss: 2.2133, Time remaining: ~0.0h 5.0m 18s
Epoch [527/1000], Loss: 2.2769
Epoch [527/1000], Loss: 2.2769, Time remaining: ~0.0h 5.0m 18s
Epoch [528/1000], Loss: 2.2546
Epoch [528/1000], Loss: 2.2546, Time remaining: ~0.0h 5.0m 17s

Epoch [529/1000], Loss: 2.2264
Epoch [529/1000], Loss: 2.2264, Time remaining: ~0.0h 5.0m 16s
Epoch [530/1000], Loss: 2.2641
Epoch [530/1000], Loss: 2.2641, Time remaining: ~0.0h 5.0m 16s
Epoch [531/1000], Loss: 2.2399
Epoch [531/1000], Loss: 2.2399, Time remaining: ~0.0h 5.0m 15s
Epoch [532/1000], Loss: 2.2733
Epoch [532/1000], Loss: 2.2733, Time remaining: ~0.0h 5.0m 14s
Epoch [533/1000], Loss: 2.2788
Epoch [533/1000], Loss: 2.2788, Time remaining: ~0.0h 5.0m 14s
Epoch [534/1000], Loss: 2.2824
Epoch [534/1000], Loss: 2.2824, Time remaining: ~0.0h 5.0m 13s
Epoch [535/1000], Loss: 2.2747
Epoch [535/1000], Loss: 2.2747, Time remaining: ~0.0h 5.0m 13s
Epoch [536/1000], Loss: 2.2810
Epoch [536/1000], Loss: 2.2810, Time remaining: ~0.0h 5.0m 12s
Epoch [537/1000], Loss: 2.2010
Epoch [537/1000], Loss: 2.2010, Time remaining: ~0.0h 5.0m 11s
Epoch [538/1000], Loss: 2.2204
Epoch [538/1000], Loss: 2.2204, Time remaining: ~0.0h 5.0m 10s
Epoch [539/1000], Loss: 2.2552
Epoch [539/1000], Loss: 2.2552, Time remaining: ~0.0h 5.0m 10s
Epoch [540/1000], Loss: 2.2717
Epoch [540/1000], Loss: 2.2717, Time remaining: ~0.0h 5.0m 9s
Epoch [541/1000], Loss: 2.2373
Epoch [541/1000], Loss: 2.2373, Time remaining: ~0.0h 5.0m 8s
Epoch [542/1000], Loss: 2.2411
Epoch [542/1000], Loss: 2.2411, Time remaining: ~0.0h 5.0m 8s
Epoch [543/1000], Loss: 2.2966
Epoch [543/1000], Loss: 2.2966, Time remaining: ~0.0h 5.0m 7s
Epoch [544/1000], Loss: 2.2006
Epoch [544/1000], Loss: 2.2006, Time remaining: ~0.0h 5.0m 6s
Epoch [545/1000], Loss: 2.2244
Epoch [545/1000], Loss: 2.2244, Time remaining: ~0.0h 5.0m 5s
Epoch [546/1000], Loss: 2.2204
Epoch [546/1000], Loss: 2.2204, Time remaining: ~0.0h 5.0m 5s
Epoch [547/1000], Loss: 2.2320
Epoch [547/1000], Loss: 2.2320, Time remaining: ~0.0h 5.0m 4s
Epoch [548/1000], Loss: 2.2285
Epoch [548/1000], Loss: 2.2285, Time remaining: ~0.0h 5.0m 3s
Epoch [549/1000], Loss: 2.2889
Epoch [549/1000], Loss: 2.2889, Time remaining: ~0.0h 5.0m 2s
Epoch [550/1000], Loss: 2.2366
Epoch [550/1000], Loss: 2.2366, Time remaining: ~0.0h 5.0m 2s
Epoch [551/1000], Loss: 2.1771
Epoch [551/1000], Loss: 2.1771, Time remaining: ~0.0h 5.0m 1s
Epoch [552/1000], Loss: 2.2321
Epoch [552/1000], Loss: 2.2321, Time remaining: ~0.0h 5.0m 0s

Epoch [553/1000], Loss: 2.2371
Epoch [553/1000], Loss: 2.2371, Time remaining: ~0.0h 4.0m 60s
Epoch [554/1000], Loss: 2.2816
Epoch [554/1000], Loss: 2.2816, Time remaining: ~0.0h 4.0m 59s
Epoch [555/1000], Loss: 2.2509
Epoch [555/1000], Loss: 2.2509, Time remaining: ~0.0h 4.0m 58s
Epoch [556/1000], Loss: 2.3034
Epoch [556/1000], Loss: 2.3034, Time remaining: ~0.0h 4.0m 58s
Epoch [557/1000], Loss: 2.2307
Epoch [557/1000], Loss: 2.2307, Time remaining: ~0.0h 4.0m 57s
Epoch [558/1000], Loss: 2.2559
Epoch [558/1000], Loss: 2.2559, Time remaining: ~0.0h 4.0m 56s
Epoch [559/1000], Loss: 2.2136
Epoch [559/1000], Loss: 2.2136, Time remaining: ~0.0h 4.0m 55s
Epoch [560/1000], Loss: 2.2231
Epoch [560/1000], Loss: 2.2231, Time remaining: ~0.0h 4.0m 55s
Epoch [561/1000], Loss: 2.2212
Epoch [561/1000], Loss: 2.2212, Time remaining: ~0.0h 4.0m 54s
Epoch [562/1000], Loss: 2.2162
Epoch [562/1000], Loss: 2.2162, Time remaining: ~0.0h 4.0m 53s
Epoch [563/1000], Loss: 2.2327
Epoch [563/1000], Loss: 2.2327, Time remaining: ~0.0h 4.0m 52s
Epoch [564/1000], Loss: 2.2116
Epoch [564/1000], Loss: 2.2116, Time remaining: ~0.0h 4.0m 52s
Epoch [565/1000], Loss: 2.2626
Epoch [565/1000], Loss: 2.2626, Time remaining: ~0.0h 4.0m 51s
Epoch [566/1000], Loss: 2.1962
Epoch [566/1000], Loss: 2.1962, Time remaining: ~0.0h 4.0m 50s
Epoch [567/1000], Loss: 2.1891
Epoch [567/1000], Loss: 2.1891, Time remaining: ~0.0h 4.0m 49s
Epoch [568/1000], Loss: 2.1970
Epoch [568/1000], Loss: 2.1970, Time remaining: ~0.0h 4.0m 49s
Epoch [569/1000], Loss: 2.1939
Epoch [569/1000], Loss: 2.1939, Time remaining: ~0.0h 4.0m 48s
Epoch [570/1000], Loss: 2.2349
Epoch [570/1000], Loss: 2.2349, Time remaining: ~0.0h 4.0m 47s
Epoch [571/1000], Loss: 2.2324
Epoch [571/1000], Loss: 2.2324, Time remaining: ~0.0h 4.0m 47s
Epoch [572/1000], Loss: 2.2070
Epoch [572/1000], Loss: 2.2070, Time remaining: ~0.0h 4.0m 46s
Epoch [573/1000], Loss: 2.2135
Epoch [573/1000], Loss: 2.2135, Time remaining: ~0.0h 4.0m 45s
Epoch [574/1000], Loss: 2.2349
Epoch [574/1000], Loss: 2.2349, Time remaining: ~0.0h 4.0m 44s
Epoch [575/1000], Loss: 2.2472
Epoch [575/1000], Loss: 2.2472, Time remaining: ~0.0h 4.0m 44s
Epoch [576/1000], Loss: 2.1663
Epoch [576/1000], Loss: 2.1663, Time remaining: ~0.0h 4.0m 43s

Epoch [577/1000], Loss: 2.1978
Epoch [577/1000], Loss: 2.1978, Time remaining: ~0.0h 4.0m 42s
Epoch [578/1000], Loss: 2.2277
Epoch [578/1000], Loss: 2.2277, Time remaining: ~0.0h 4.0m 42s
Epoch [579/1000], Loss: 2.2090
Epoch [579/1000], Loss: 2.2090, Time remaining: ~0.0h 4.0m 41s
Epoch [580/1000], Loss: 2.1663
Epoch [580/1000], Loss: 2.1663, Time remaining: ~0.0h 4.0m 40s
Epoch [581/1000], Loss: 2.2222
Epoch [581/1000], Loss: 2.2222, Time remaining: ~0.0h 4.0m 40s
Epoch [582/1000], Loss: 2.2408
Epoch [582/1000], Loss: 2.2408, Time remaining: ~0.0h 4.0m 39s
Epoch [583/1000], Loss: 2.2098
Epoch [583/1000], Loss: 2.2098, Time remaining: ~0.0h 4.0m 38s
Epoch [584/1000], Loss: 2.1974
Epoch [584/1000], Loss: 2.1974, Time remaining: ~0.0h 4.0m 37s
Epoch [585/1000], Loss: 2.2085
Epoch [585/1000], Loss: 2.2085, Time remaining: ~0.0h 4.0m 37s
Epoch [586/1000], Loss: 2.2262
Epoch [586/1000], Loss: 2.2262, Time remaining: ~0.0h 4.0m 36s
Epoch [587/1000], Loss: 2.1503
Epoch [587/1000], Loss: 2.1503, Time remaining: ~0.0h 4.0m 35s
Epoch [588/1000], Loss: 2.2034
Epoch [588/1000], Loss: 2.2034, Time remaining: ~0.0h 4.0m 35s
Epoch [589/1000], Loss: 2.1826
Epoch [589/1000], Loss: 2.1826, Time remaining: ~0.0h 4.0m 34s
Epoch [590/1000], Loss: 2.2073
Epoch [590/1000], Loss: 2.2073, Time remaining: ~0.0h 4.0m 33s
Epoch [591/1000], Loss: 2.1871
Epoch [591/1000], Loss: 2.1871, Time remaining: ~0.0h 4.0m 33s
Epoch [592/1000], Loss: 2.2433
Epoch [592/1000], Loss: 2.2433, Time remaining: ~0.0h 4.0m 32s
Epoch [593/1000], Loss: 2.2232
Epoch [593/1000], Loss: 2.2232, Time remaining: ~0.0h 4.0m 31s
Epoch [594/1000], Loss: 2.2095
Epoch [594/1000], Loss: 2.2095, Time remaining: ~0.0h 4.0m 31s
Epoch [595/1000], Loss: 2.2046
Epoch [595/1000], Loss: 2.2046, Time remaining: ~0.0h 4.0m 30s
Epoch [596/1000], Loss: 2.1755
Epoch [596/1000], Loss: 2.1755, Time remaining: ~0.0h 4.0m 29s
Epoch [597/1000], Loss: 2.1549
Epoch [597/1000], Loss: 2.1549, Time remaining: ~0.0h 4.0m 29s
Epoch [598/1000], Loss: 2.2426
Epoch [598/1000], Loss: 2.2426, Time remaining: ~0.0h 4.0m 28s
Epoch [599/1000], Loss: 2.1798
Epoch [599/1000], Loss: 2.1798, Time remaining: ~0.0h 4.0m 27s
Epoch [600/1000], Loss: 2.1809
Epoch [600/1000], Loss: 2.1809, Time remaining: ~0.0h 4.0m 27s

Epoch [601/1000], Loss: 2.1955
Epoch [601/1000], Loss: 2.1955, Time remaining: ~0.0h 4.0m 26s
Epoch [602/1000], Loss: 2.1943
Epoch [602/1000], Loss: 2.1943, Time remaining: ~0.0h 4.0m 25s
Epoch [603/1000], Loss: 2.1943
Epoch [603/1000], Loss: 2.1943, Time remaining: ~0.0h 4.0m 24s
Epoch [604/1000], Loss: 2.1839
Epoch [604/1000], Loss: 2.1839, Time remaining: ~0.0h 4.0m 24s
Epoch [605/1000], Loss: 2.1397
Epoch [605/1000], Loss: 2.1397, Time remaining: ~0.0h 4.0m 23s
Epoch [606/1000], Loss: 2.1661
Epoch [606/1000], Loss: 2.1661, Time remaining: ~0.0h 4.0m 22s
Epoch [607/1000], Loss: 2.1751
Epoch [607/1000], Loss: 2.1751, Time remaining: ~0.0h 4.0m 22s
Epoch [608/1000], Loss: 2.1563
Epoch [608/1000], Loss: 2.1563, Time remaining: ~0.0h 4.0m 21s
Epoch [609/1000], Loss: 2.1745
Epoch [609/1000], Loss: 2.1745, Time remaining: ~0.0h 4.0m 20s
Epoch [610/1000], Loss: 2.1547
Epoch [610/1000], Loss: 2.1547, Time remaining: ~0.0h 4.0m 20s
Epoch [611/1000], Loss: 2.1625
Epoch [611/1000], Loss: 2.1625, Time remaining: ~0.0h 4.0m 19s
Epoch [612/1000], Loss: 2.1681
Epoch [612/1000], Loss: 2.1681, Time remaining: ~0.0h 4.0m 18s
Epoch [613/1000], Loss: 2.1242
Epoch [613/1000], Loss: 2.1242, Time remaining: ~0.0h 4.0m 18s
Epoch [614/1000], Loss: 2.1983
Epoch [614/1000], Loss: 2.1983, Time remaining: ~0.0h 4.0m 17s
Epoch [615/1000], Loss: 2.1533
Epoch [615/1000], Loss: 2.1533, Time remaining: ~0.0h 4.0m 16s
Epoch [616/1000], Loss: 2.1429
Epoch [616/1000], Loss: 2.1429, Time remaining: ~0.0h 4.0m 15s
Epoch [617/1000], Loss: 2.1375
Epoch [617/1000], Loss: 2.1375, Time remaining: ~0.0h 4.0m 15s
Epoch [618/1000], Loss: 2.1250
Epoch [618/1000], Loss: 2.1250, Time remaining: ~0.0h 4.0m 14s
Epoch [619/1000], Loss: 2.1750
Epoch [619/1000], Loss: 2.1750, Time remaining: ~0.0h 4.0m 13s
Epoch [620/1000], Loss: 2.1848
Epoch [620/1000], Loss: 2.1848, Time remaining: ~0.0h 4.0m 13s
Epoch [621/1000], Loss: 2.2136
Epoch [621/1000], Loss: 2.2136, Time remaining: ~0.0h 4.0m 12s
Epoch [622/1000], Loss: 2.1491
Epoch [622/1000], Loss: 2.1491, Time remaining: ~0.0h 4.0m 11s
Epoch [623/1000], Loss: 2.1562
Epoch [623/1000], Loss: 2.1562, Time remaining: ~0.0h 4.0m 11s
Epoch [624/1000], Loss: 2.1553
Epoch [624/1000], Loss: 2.1553, Time remaining: ~0.0h 4.0m 10s

Epoch [625/1000], Loss: 2.1610
Epoch [625/1000], Loss: 2.1610, Time remaining: ~0.0h 4.0m 9s
Epoch [626/1000], Loss: 2.1446
Epoch [626/1000], Loss: 2.1446, Time remaining: ~0.0h 4.0m 9s
Epoch [627/1000], Loss: 2.2032
Epoch [627/1000], Loss: 2.2032, Time remaining: ~0.0h 4.0m 8s
Epoch [628/1000], Loss: 2.1511
Epoch [628/1000], Loss: 2.1511, Time remaining: ~0.0h 4.0m 7s
Epoch [629/1000], Loss: 2.1480
Epoch [629/1000], Loss: 2.1480, Time remaining: ~0.0h 4.0m 7s
Epoch [630/1000], Loss: 2.1625
Epoch [630/1000], Loss: 2.1625, Time remaining: ~0.0h 4.0m 6s
Epoch [631/1000], Loss: 2.1693
Epoch [631/1000], Loss: 2.1693, Time remaining: ~0.0h 4.0m 5s
Epoch [632/1000], Loss: 2.1885
Epoch [632/1000], Loss: 2.1885, Time remaining: ~0.0h 4.0m 4s
Epoch [633/1000], Loss: 2.1194
Epoch [633/1000], Loss: 2.1194, Time remaining: ~0.0h 4.0m 4s
Epoch [634/1000], Loss: 2.1672
Epoch [634/1000], Loss: 2.1672, Time remaining: ~0.0h 4.0m 3s
Epoch [635/1000], Loss: 2.1344
Epoch [635/1000], Loss: 2.1344, Time remaining: ~0.0h 4.0m 3s
Epoch [636/1000], Loss: 2.1515
Epoch [636/1000], Loss: 2.1515, Time remaining: ~0.0h 4.0m 2s
Epoch [637/1000], Loss: 2.1473
Epoch [637/1000], Loss: 2.1473, Time remaining: ~0.0h 4.0m 1s
Epoch [638/1000], Loss: 2.1355
Epoch [638/1000], Loss: 2.1355, Time remaining: ~0.0h 4.0m 1s
Epoch [639/1000], Loss: 2.1475
Epoch [639/1000], Loss: 2.1475, Time remaining: ~0.0h 4.0m 0s
Epoch [640/1000], Loss: 2.1413
Epoch [640/1000], Loss: 2.1413, Time remaining: ~0.0h 3.0m 59s
Epoch [641/1000], Loss: 2.1425
Epoch [641/1000], Loss: 2.1425, Time remaining: ~0.0h 3.0m 59s
Epoch [642/1000], Loss: 2.1398
Epoch [642/1000], Loss: 2.1398, Time remaining: ~0.0h 3.0m 58s
Epoch [643/1000], Loss: 2.0918
Epoch [643/1000], Loss: 2.0918, Time remaining: ~0.0h 3.0m 57s
Epoch [644/1000], Loss: 2.1412
Epoch [644/1000], Loss: 2.1412, Time remaining: ~0.0h 3.0m 57s
Epoch [645/1000], Loss: 2.1820
Epoch [645/1000], Loss: 2.1820, Time remaining: ~0.0h 3.0m 56s
Epoch [646/1000], Loss: 2.1213
Epoch [646/1000], Loss: 2.1213, Time remaining: ~0.0h 3.0m 55s
Epoch [647/1000], Loss: 2.1123
Epoch [647/1000], Loss: 2.1123, Time remaining: ~0.0h 3.0m 55s
Epoch [648/1000], Loss: 2.1518
Epoch [648/1000], Loss: 2.1518, Time remaining: ~0.0h 3.0m 54s

Epoch [649/1000], Loss: 2.1127
Epoch [649/1000], Loss: 2.1127, Time remaining: ~0.0h 3.0m 53s
Epoch [650/1000], Loss: 2.1088
Epoch [650/1000], Loss: 2.1088, Time remaining: ~0.0h 3.0m 52s
Epoch [651/1000], Loss: 2.0926
Epoch [651/1000], Loss: 2.0926, Time remaining: ~0.0h 3.0m 52s
Epoch [652/1000], Loss: 2.1430
Epoch [652/1000], Loss: 2.1430, Time remaining: ~0.0h 3.0m 51s
Epoch [653/1000], Loss: 2.1373
Epoch [653/1000], Loss: 2.1373, Time remaining: ~0.0h 3.0m 50s
Epoch [654/1000], Loss: 2.1319
Epoch [654/1000], Loss: 2.1319, Time remaining: ~0.0h 3.0m 50s
Epoch [655/1000], Loss: 2.0865
Epoch [655/1000], Loss: 2.0865, Time remaining: ~0.0h 3.0m 49s
Epoch [656/1000], Loss: 2.0937
Epoch [656/1000], Loss: 2.0937, Time remaining: ~0.0h 3.0m 48s
Epoch [657/1000], Loss: 2.2141
Epoch [657/1000], Loss: 2.2141, Time remaining: ~0.0h 3.0m 48s
Epoch [658/1000], Loss: 2.1541
Epoch [658/1000], Loss: 2.1541, Time remaining: ~0.0h 3.0m 47s
Epoch [659/1000], Loss: 2.1431
Epoch [659/1000], Loss: 2.1431, Time remaining: ~0.0h 3.0m 46s
Epoch [660/1000], Loss: 2.1010
Epoch [660/1000], Loss: 2.1010, Time remaining: ~0.0h 3.0m 46s
Epoch [661/1000], Loss: 2.1713
Epoch [661/1000], Loss: 2.1713, Time remaining: ~0.0h 3.0m 45s
Epoch [662/1000], Loss: 2.1192
Epoch [662/1000], Loss: 2.1192, Time remaining: ~0.0h 3.0m 44s
Epoch [663/1000], Loss: 2.1355
Epoch [663/1000], Loss: 2.1355, Time remaining: ~0.0h 3.0m 44s
Epoch [664/1000], Loss: 2.1094
Epoch [664/1000], Loss: 2.1094, Time remaining: ~0.0h 3.0m 43s
Epoch [665/1000], Loss: 2.1216
Epoch [665/1000], Loss: 2.1216, Time remaining: ~0.0h 3.0m 43s
Epoch [666/1000], Loss: 2.1876
Epoch [666/1000], Loss: 2.1876, Time remaining: ~0.0h 3.0m 42s
Epoch [667/1000], Loss: 2.1585
Epoch [667/1000], Loss: 2.1585, Time remaining: ~0.0h 3.0m 41s
Epoch [668/1000], Loss: 2.1247
Epoch [668/1000], Loss: 2.1247, Time remaining: ~0.0h 3.0m 40s
Epoch [669/1000], Loss: 2.1029
Epoch [669/1000], Loss: 2.1029, Time remaining: ~0.0h 3.0m 40s
Epoch [670/1000], Loss: 2.0626
Epoch [670/1000], Loss: 2.0626, Time remaining: ~0.0h 3.0m 39s
Epoch [671/1000], Loss: 2.1113
Epoch [671/1000], Loss: 2.1113, Time remaining: ~0.0h 3.0m 38s
Epoch [672/1000], Loss: 2.0976
Epoch [672/1000], Loss: 2.0976, Time remaining: ~0.0h 3.0m 38s

Epoch [673/1000], Loss: 2.1388
Epoch [673/1000], Loss: 2.1388, Time remaining: ~0.0h 3.0m 37s
Epoch [674/1000], Loss: 2.1594
Epoch [674/1000], Loss: 2.1594, Time remaining: ~0.0h 3.0m 36s
Epoch [675/1000], Loss: 2.1420
Epoch [675/1000], Loss: 2.1420, Time remaining: ~0.0h 3.0m 36s
Epoch [676/1000], Loss: 2.1022
Epoch [676/1000], Loss: 2.1022, Time remaining: ~0.0h 3.0m 35s
Epoch [677/1000], Loss: 2.0928
Epoch [677/1000], Loss: 2.0928, Time remaining: ~0.0h 3.0m 34s
Epoch [678/1000], Loss: 2.1799
Epoch [678/1000], Loss: 2.1799, Time remaining: ~0.0h 3.0m 34s
Epoch [679/1000], Loss: 2.1987
Epoch [679/1000], Loss: 2.1987, Time remaining: ~0.0h 3.0m 33s
Epoch [680/1000], Loss: 2.1106
Epoch [680/1000], Loss: 2.1106, Time remaining: ~0.0h 3.0m 33s
Epoch [681/1000], Loss: 2.1100
Epoch [681/1000], Loss: 2.1100, Time remaining: ~0.0h 3.0m 32s
Epoch [682/1000], Loss: 2.0890
Epoch [682/1000], Loss: 2.0890, Time remaining: ~0.0h 3.0m 31s
Epoch [683/1000], Loss: 2.1049
Epoch [683/1000], Loss: 2.1049, Time remaining: ~0.0h 3.0m 31s
Epoch [684/1000], Loss: 2.1430
Epoch [684/1000], Loss: 2.1430, Time remaining: ~0.0h 3.0m 30s
Epoch [685/1000], Loss: 2.1380
Epoch [685/1000], Loss: 2.1380, Time remaining: ~0.0h 3.0m 29s
Epoch [686/1000], Loss: 2.0965
Epoch [686/1000], Loss: 2.0965, Time remaining: ~0.0h 3.0m 29s
Epoch [687/1000], Loss: 2.0419
Epoch [687/1000], Loss: 2.0419, Time remaining: ~0.0h 3.0m 28s
Epoch [688/1000], Loss: 2.0674
Epoch [688/1000], Loss: 2.0674, Time remaining: ~0.0h 3.0m 27s
Epoch [689/1000], Loss: 2.2017
Epoch [689/1000], Loss: 2.2017, Time remaining: ~0.0h 3.0m 27s
Epoch [690/1000], Loss: 2.0906
Epoch [690/1000], Loss: 2.0906, Time remaining: ~0.0h 3.0m 26s
Epoch [691/1000], Loss: 2.1118
Epoch [691/1000], Loss: 2.1118, Time remaining: ~0.0h 3.0m 25s
Epoch [692/1000], Loss: 2.0836
Epoch [692/1000], Loss: 2.0836, Time remaining: ~0.0h 3.0m 25s
Epoch [693/1000], Loss: 2.0941
Epoch [693/1000], Loss: 2.0941, Time remaining: ~0.0h 3.0m 24s
Epoch [694/1000], Loss: 2.1021
Epoch [694/1000], Loss: 2.1021, Time remaining: ~0.0h 3.0m 24s
Epoch [695/1000], Loss: 2.1010
Epoch [695/1000], Loss: 2.1010, Time remaining: ~0.0h 3.0m 23s
Epoch [696/1000], Loss: 2.0741
Epoch [696/1000], Loss: 2.0741, Time remaining: ~0.0h 3.0m 22s

Epoch [697/1000], Loss: 2.1067
Epoch [697/1000], Loss: 2.1067, Time remaining: ~0.0h 3.0m 22s
Epoch [698/1000], Loss: 2.1345
Epoch [698/1000], Loss: 2.1345, Time remaining: ~0.0h 3.0m 21s
Epoch [699/1000], Loss: 2.0352
Epoch [699/1000], Loss: 2.0352, Time remaining: ~0.0h 3.0m 20s
Epoch [700/1000], Loss: 2.1121
Epoch [700/1000], Loss: 2.1121, Time remaining: ~0.0h 3.0m 20s
Epoch [701/1000], Loss: 2.0617
Epoch [701/1000], Loss: 2.0617, Time remaining: ~0.0h 3.0m 19s
Epoch [702/1000], Loss: 2.1143
Epoch [702/1000], Loss: 2.1143, Time remaining: ~0.0h 3.0m 18s
Epoch [703/1000], Loss: 2.1140
Epoch [703/1000], Loss: 2.1140, Time remaining: ~0.0h 3.0m 18s
Epoch [704/1000], Loss: 2.1077
Epoch [704/1000], Loss: 2.1077, Time remaining: ~0.0h 3.0m 17s
Epoch [705/1000], Loss: 2.1205
Epoch [705/1000], Loss: 2.1205, Time remaining: ~0.0h 3.0m 16s
Epoch [706/1000], Loss: 2.0548
Epoch [706/1000], Loss: 2.0548, Time remaining: ~0.0h 3.0m 16s
Epoch [707/1000], Loss: 2.0893
Epoch [707/1000], Loss: 2.0893, Time remaining: ~0.0h 3.0m 15s
Epoch [708/1000], Loss: 2.1297
Epoch [708/1000], Loss: 2.1297, Time remaining: ~0.0h 3.0m 14s
Epoch [709/1000], Loss: 2.0665
Epoch [709/1000], Loss: 2.0665, Time remaining: ~0.0h 3.0m 14s
Epoch [710/1000], Loss: 2.1076
Epoch [710/1000], Loss: 2.1076, Time remaining: ~0.0h 3.0m 13s
Epoch [711/1000], Loss: 2.0387
Epoch [711/1000], Loss: 2.0387, Time remaining: ~0.0h 3.0m 12s
Epoch [712/1000], Loss: 2.0584
Epoch [712/1000], Loss: 2.0584, Time remaining: ~0.0h 3.0m 12s
Epoch [713/1000], Loss: 2.0526
Epoch [713/1000], Loss: 2.0526, Time remaining: ~0.0h 3.0m 11s
Epoch [714/1000], Loss: 2.1197
Epoch [714/1000], Loss: 2.1197, Time remaining: ~0.0h 3.0m 10s
Epoch [715/1000], Loss: 2.0904
Epoch [715/1000], Loss: 2.0904, Time remaining: ~0.0h 3.0m 10s
Epoch [716/1000], Loss: 2.0848
Epoch [716/1000], Loss: 2.0848, Time remaining: ~0.0h 3.0m 9s
Epoch [717/1000], Loss: 2.1503
Epoch [717/1000], Loss: 2.1503, Time remaining: ~0.0h 3.0m 8s
Epoch [718/1000], Loss: 2.0863
Epoch [718/1000], Loss: 2.0863, Time remaining: ~0.0h 3.0m 8s
Epoch [719/1000], Loss: 2.0667
Epoch [719/1000], Loss: 2.0667, Time remaining: ~0.0h 3.0m 7s
Epoch [720/1000], Loss: 2.1255
Epoch [720/1000], Loss: 2.1255, Time remaining: ~0.0h 3.0m 6s

Epoch [721/1000], Loss: 2.1219
Epoch [721/1000], Loss: 2.1219, Time remaining: ~0.0h 3.0m 6s
Epoch [722/1000], Loss: 2.0971
Epoch [722/1000], Loss: 2.0971, Time remaining: ~0.0h 3.0m 5s
Epoch [723/1000], Loss: 2.0682
Epoch [723/1000], Loss: 2.0682, Time remaining: ~0.0h 3.0m 4s
Epoch [724/1000], Loss: 2.0427
Epoch [724/1000], Loss: 2.0427, Time remaining: ~0.0h 3.0m 4s
Epoch [725/1000], Loss: 2.0851
Epoch [725/1000], Loss: 2.0851, Time remaining: ~0.0h 3.0m 3s
Epoch [726/1000], Loss: 2.0678
Epoch [726/1000], Loss: 2.0678, Time remaining: ~0.0h 3.0m 2s
Epoch [727/1000], Loss: 2.0915
Epoch [727/1000], Loss: 2.0915, Time remaining: ~0.0h 3.0m 2s
Epoch [728/1000], Loss: 2.0903
Epoch [728/1000], Loss: 2.0903, Time remaining: ~0.0h 3.0m 1s
Epoch [729/1000], Loss: 2.0958
Epoch [729/1000], Loss: 2.0958, Time remaining: ~0.0h 3.0m 0s
Epoch [730/1000], Loss: 2.0790
Epoch [730/1000], Loss: 2.0790, Time remaining: ~0.0h 2.0m 60s
Epoch [731/1000], Loss: 2.1648
Epoch [731/1000], Loss: 2.1648, Time remaining: ~0.0h 2.0m 59s
Epoch [732/1000], Loss: 2.1082
Epoch [732/1000], Loss: 2.1082, Time remaining: ~0.0h 2.0m 58s
Epoch [733/1000], Loss: 2.0441
Epoch [733/1000], Loss: 2.0441, Time remaining: ~0.0h 2.0m 58s
Epoch [734/1000], Loss: 2.0345
Epoch [734/1000], Loss: 2.0345, Time remaining: ~0.0h 2.0m 57s
Epoch [735/1000], Loss: 2.0955
Epoch [735/1000], Loss: 2.0955, Time remaining: ~0.0h 2.0m 56s
Epoch [736/1000], Loss: 2.0821
Epoch [736/1000], Loss: 2.0821, Time remaining: ~0.0h 2.0m 56s
Epoch [737/1000], Loss: 2.0362
Epoch [737/1000], Loss: 2.0362, Time remaining: ~0.0h 2.0m 55s
Epoch [738/1000], Loss: 2.0667
Epoch [738/1000], Loss: 2.0667, Time remaining: ~0.0h 2.0m 54s
Epoch [739/1000], Loss: 2.0804
Epoch [739/1000], Loss: 2.0804, Time remaining: ~0.0h 2.0m 54s
Epoch [740/1000], Loss: 2.0360
Epoch [740/1000], Loss: 2.0360, Time remaining: ~0.0h 2.0m 53s
Epoch [741/1000], Loss: 2.0375
Epoch [741/1000], Loss: 2.0375, Time remaining: ~0.0h 2.0m 52s
Epoch [742/1000], Loss: 2.0538
Epoch [742/1000], Loss: 2.0538, Time remaining: ~0.0h 2.0m 52s
Epoch [743/1000], Loss: 2.1087
Epoch [743/1000], Loss: 2.1087, Time remaining: ~0.0h 2.0m 51s
Epoch [744/1000], Loss: 2.0837
Epoch [744/1000], Loss: 2.0837, Time remaining: ~0.0h 2.0m 50s

Epoch [745/1000], Loss: 2.0286
Epoch [745/1000], Loss: 2.0286, Time remaining: ~0.0h 2.0m 50s
Epoch [746/1000], Loss: 2.0930
Epoch [746/1000], Loss: 2.0930, Time remaining: ~0.0h 2.0m 49s
Epoch [747/1000], Loss: 2.0434
Epoch [747/1000], Loss: 2.0434, Time remaining: ~0.0h 2.0m 48s
Epoch [748/1000], Loss: 2.0487
Epoch [748/1000], Loss: 2.0487, Time remaining: ~0.0h 2.0m 48s
Epoch [749/1000], Loss: 2.0860
Epoch [749/1000], Loss: 2.0860, Time remaining: ~0.0h 2.0m 47s
Epoch [750/1000], Loss: 2.0649
Epoch [750/1000], Loss: 2.0649, Time remaining: ~0.0h 2.0m 46s
Epoch [751/1000], Loss: 2.1389
Epoch [751/1000], Loss: 2.1389, Time remaining: ~0.0h 2.0m 46s
Epoch [752/1000], Loss: 2.0711
Epoch [752/1000], Loss: 2.0711, Time remaining: ~0.0h 2.0m 45s
Epoch [753/1000], Loss: 2.0192
Epoch [753/1000], Loss: 2.0192, Time remaining: ~0.0h 2.0m 44s
Epoch [754/1000], Loss: 2.0574
Epoch [754/1000], Loss: 2.0574, Time remaining: ~0.0h 2.0m 44s
Epoch [755/1000], Loss: 2.0346
Epoch [755/1000], Loss: 2.0346, Time remaining: ~0.0h 2.0m 43s
Epoch [756/1000], Loss: 2.0313
Epoch [756/1000], Loss: 2.0313, Time remaining: ~0.0h 2.0m 42s
Epoch [757/1000], Loss: 2.1114
Epoch [757/1000], Loss: 2.1114, Time remaining: ~0.0h 2.0m 42s
Epoch [758/1000], Loss: 2.0655
Epoch [758/1000], Loss: 2.0655, Time remaining: ~0.0h 2.0m 41s
Epoch [759/1000], Loss: 2.0768
Epoch [759/1000], Loss: 2.0768, Time remaining: ~0.0h 2.0m 40s
Epoch [760/1000], Loss: 2.0515
Epoch [760/1000], Loss: 2.0515, Time remaining: ~0.0h 2.0m 40s
Epoch [761/1000], Loss: 2.0318
Epoch [761/1000], Loss: 2.0318, Time remaining: ~0.0h 2.0m 39s
Epoch [762/1000], Loss: 2.0783
Epoch [762/1000], Loss: 2.0783, Time remaining: ~0.0h 2.0m 38s
Epoch [763/1000], Loss: 2.0647
Epoch [763/1000], Loss: 2.0647, Time remaining: ~0.0h 2.0m 38s
Epoch [764/1000], Loss: 2.1210
Epoch [764/1000], Loss: 2.1210, Time remaining: ~0.0h 2.0m 37s
Epoch [765/1000], Loss: 2.0705
Epoch [765/1000], Loss: 2.0705, Time remaining: ~0.0h 2.0m 36s
Epoch [766/1000], Loss: 2.0506
Epoch [766/1000], Loss: 2.0506, Time remaining: ~0.0h 2.0m 36s
Epoch [767/1000], Loss: 2.1149
Epoch [767/1000], Loss: 2.1149, Time remaining: ~0.0h 2.0m 35s
Epoch [768/1000], Loss: 2.0276
Epoch [768/1000], Loss: 2.0276, Time remaining: ~0.0h 2.0m 34s

Epoch [769/1000], Loss: 2.0436
Epoch [769/1000], Loss: 2.0436, Time remaining: ~0.0h 2.0m 34s
Epoch [770/1000], Loss: 2.0690
Epoch [770/1000], Loss: 2.0690, Time remaining: ~0.0h 2.0m 33s
Epoch [771/1000], Loss: 2.0479
Epoch [771/1000], Loss: 2.0479, Time remaining: ~0.0h 2.0m 33s
Epoch [772/1000], Loss: 2.0769
Epoch [772/1000], Loss: 2.0769, Time remaining: ~0.0h 2.0m 32s
Epoch [773/1000], Loss: 2.0487
Epoch [773/1000], Loss: 2.0487, Time remaining: ~0.0h 2.0m 31s
Epoch [774/1000], Loss: 2.0935
Epoch [774/1000], Loss: 2.0935, Time remaining: ~0.0h 2.0m 31s
Epoch [775/1000], Loss: 2.1056
Epoch [775/1000], Loss: 2.1056, Time remaining: ~0.0h 2.0m 30s
Epoch [776/1000], Loss: 2.1072
Epoch [776/1000], Loss: 2.1072, Time remaining: ~0.0h 2.0m 30s
Epoch [777/1000], Loss: 2.0477
Epoch [777/1000], Loss: 2.0477, Time remaining: ~0.0h 2.0m 29s
Epoch [778/1000], Loss: 2.0511
Epoch [778/1000], Loss: 2.0511, Time remaining: ~0.0h 2.0m 29s
Epoch [779/1000], Loss: 2.0838
Epoch [779/1000], Loss: 2.0838, Time remaining: ~0.0h 2.0m 28s
Epoch [780/1000], Loss: 2.0671
Epoch [780/1000], Loss: 2.0671, Time remaining: ~0.0h 2.0m 28s
Epoch [781/1000], Loss: 2.1584
Epoch [781/1000], Loss: 2.1584, Time remaining: ~0.0h 2.0m 27s
Epoch [782/1000], Loss: 2.0952
Epoch [782/1000], Loss: 2.0952, Time remaining: ~0.0h 2.0m 27s
Epoch [783/1000], Loss: 2.0575
Epoch [783/1000], Loss: 2.0575, Time remaining: ~0.0h 2.0m 26s
Epoch [784/1000], Loss: 2.0001
Epoch [784/1000], Loss: 2.0001, Time remaining: ~0.0h 2.0m 26s
Epoch [785/1000], Loss: 2.0244
Epoch [785/1000], Loss: 2.0244, Time remaining: ~0.0h 2.0m 25s
Epoch [786/1000], Loss: 2.0733
Epoch [786/1000], Loss: 2.0733, Time remaining: ~0.0h 2.0m 25s
Epoch [787/1000], Loss: 2.0370
Epoch [787/1000], Loss: 2.0370, Time remaining: ~0.0h 2.0m 24s
Epoch [788/1000], Loss: 2.0401
Epoch [788/1000], Loss: 2.0401, Time remaining: ~0.0h 2.0m 23s
Epoch [789/1000], Loss: 2.0254
Epoch [789/1000], Loss: 2.0254, Time remaining: ~0.0h 2.0m 23s
Epoch [790/1000], Loss: 2.0487
Epoch [790/1000], Loss: 2.0487, Time remaining: ~0.0h 2.0m 22s
Epoch [791/1000], Loss: 2.0342
Epoch [791/1000], Loss: 2.0342, Time remaining: ~0.0h 2.0m 22s
Epoch [792/1000], Loss: 2.0819
Epoch [792/1000], Loss: 2.0819, Time remaining: ~0.0h 2.0m 21s

Epoch [793/1000], Loss: 2.0138
Epoch [793/1000], Loss: 2.0138, Time remaining: ~0.0h 2.0m 21s
Epoch [794/1000], Loss: 2.0593
Epoch [794/1000], Loss: 2.0593, Time remaining: ~0.0h 2.0m 20s
Epoch [795/1000], Loss: 2.0337
Epoch [795/1000], Loss: 2.0337, Time remaining: ~0.0h 2.0m 19s
Epoch [796/1000], Loss: 2.0693
Epoch [796/1000], Loss: 2.0693, Time remaining: ~0.0h 2.0m 19s
Epoch [797/1000], Loss: 2.0551
Epoch [797/1000], Loss: 2.0551, Time remaining: ~0.0h 2.0m 18s
Epoch [798/1000], Loss: 2.0751
Epoch [798/1000], Loss: 2.0751, Time remaining: ~0.0h 2.0m 18s
Epoch [799/1000], Loss: 2.0444
Epoch [799/1000], Loss: 2.0444, Time remaining: ~0.0h 2.0m 17s
Epoch [800/1000], Loss: 2.0756
Epoch [800/1000], Loss: 2.0756, Time remaining: ~0.0h 2.0m 17s
Epoch [801/1000], Loss: 2.0257
Epoch [801/1000], Loss: 2.0257, Time remaining: ~0.0h 2.0m 16s
Epoch [802/1000], Loss: 2.0384
Epoch [802/1000], Loss: 2.0384, Time remaining: ~0.0h 2.0m 15s
Epoch [803/1000], Loss: 2.0751
Epoch [803/1000], Loss: 2.0751, Time remaining: ~0.0h 2.0m 15s
Epoch [804/1000], Loss: 2.0130
Epoch [804/1000], Loss: 2.0130, Time remaining: ~0.0h 2.0m 14s
Epoch [805/1000], Loss: 1.9966
Epoch [805/1000], Loss: 1.9966, Time remaining: ~0.0h 2.0m 14s
Epoch [806/1000], Loss: 2.0514
Epoch [806/1000], Loss: 2.0514, Time remaining: ~0.0h 2.0m 13s
Epoch [807/1000], Loss: 2.0615
Epoch [807/1000], Loss: 2.0615, Time remaining: ~0.0h 2.0m 12s
Epoch [808/1000], Loss: 2.0565
Epoch [808/1000], Loss: 2.0565, Time remaining: ~0.0h 2.0m 12s
Epoch [809/1000], Loss: 2.0185
Epoch [809/1000], Loss: 2.0185, Time remaining: ~0.0h 2.0m 11s
Epoch [810/1000], Loss: 2.0236
Epoch [810/1000], Loss: 2.0236, Time remaining: ~0.0h 2.0m 11s
Epoch [811/1000], Loss: 2.0460
Epoch [811/1000], Loss: 2.0460, Time remaining: ~0.0h 2.0m 10s
Epoch [812/1000], Loss: 2.0366
Epoch [812/1000], Loss: 2.0366, Time remaining: ~0.0h 2.0m 10s
Epoch [813/1000], Loss: 2.0421
Epoch [813/1000], Loss: 2.0421, Time remaining: ~0.0h 2.0m 9s
Epoch [814/1000], Loss: 2.0512
Epoch [814/1000], Loss: 2.0512, Time remaining: ~0.0h 2.0m 8s
Epoch [815/1000], Loss: 2.0397
Epoch [815/1000], Loss: 2.0397, Time remaining: ~0.0h 2.0m 8s
Epoch [816/1000], Loss: 2.0580
Epoch [816/1000], Loss: 2.0580, Time remaining: ~0.0h 2.0m 7s

Epoch [817/1000], Loss: 1.9816
Epoch [817/1000], Loss: 1.9816, Time remaining: ~0.0h 2.0m 7s
Epoch [818/1000], Loss: 2.0008
Epoch [818/1000], Loss: 2.0008, Time remaining: ~0.0h 2.0m 6s
Epoch [819/1000], Loss: 1.9969
Epoch [819/1000], Loss: 1.9969, Time remaining: ~0.0h 2.0m 5s
Epoch [820/1000], Loss: 2.0487
Epoch [820/1000], Loss: 2.0487, Time remaining: ~0.0h 2.0m 5s
Epoch [821/1000], Loss: 2.0746
Epoch [821/1000], Loss: 2.0746, Time remaining: ~0.0h 2.0m 4s
Epoch [822/1000], Loss: 2.0806
Epoch [822/1000], Loss: 2.0806, Time remaining: ~0.0h 2.0m 3s
Epoch [823/1000], Loss: 2.0049
Epoch [823/1000], Loss: 2.0049, Time remaining: ~0.0h 2.0m 3s
Epoch [824/1000], Loss: 1.9986
Epoch [824/1000], Loss: 1.9986, Time remaining: ~0.0h 2.0m 2s
Epoch [825/1000], Loss: 2.0585
Epoch [825/1000], Loss: 2.0585, Time remaining: ~0.0h 2.0m 2s
Epoch [826/1000], Loss: 2.0405
Epoch [826/1000], Loss: 2.0405, Time remaining: ~0.0h 2.0m 1s
Epoch [827/1000], Loss: 2.0218
Epoch [827/1000], Loss: 2.0218, Time remaining: ~0.0h 2.0m 1s
Epoch [828/1000], Loss: 2.0314
Epoch [828/1000], Loss: 2.0314, Time remaining: ~0.0h 1.0m 60s
Epoch [829/1000], Loss: 2.0332
Epoch [829/1000], Loss: 2.0332, Time remaining: ~0.0h 1.0m 59s
Epoch [830/1000], Loss: 2.0452
Epoch [830/1000], Loss: 2.0452, Time remaining: ~0.0h 1.0m 59s
Epoch [831/1000], Loss: 1.9948
Epoch [831/1000], Loss: 1.9948, Time remaining: ~0.0h 1.0m 58s
Epoch [832/1000], Loss: 2.0379
Epoch [832/1000], Loss: 2.0379, Time remaining: ~0.0h 1.0m 58s
Epoch [833/1000], Loss: 1.9774
Epoch [833/1000], Loss: 1.9774, Time remaining: ~0.0h 1.0m 57s
Epoch [834/1000], Loss: 2.0010
Epoch [834/1000], Loss: 2.0010, Time remaining: ~0.0h 1.0m 56s
Epoch [835/1000], Loss: 2.0526
Epoch [835/1000], Loss: 2.0526, Time remaining: ~0.0h 1.0m 56s
Epoch [836/1000], Loss: 2.0408
Epoch [836/1000], Loss: 2.0408, Time remaining: ~0.0h 1.0m 55s
Epoch [837/1000], Loss: 2.0323
Epoch [837/1000], Loss: 2.0323, Time remaining: ~0.0h 1.0m 54s
Epoch [838/1000], Loss: 1.9951
Epoch [838/1000], Loss: 1.9951, Time remaining: ~0.0h 1.0m 54s
Epoch [839/1000], Loss: 2.0051
Epoch [839/1000], Loss: 2.0051, Time remaining: ~0.0h 1.0m 53s
Epoch [840/1000], Loss: 2.0362
Epoch [840/1000], Loss: 2.0362, Time remaining: ~0.0h 1.0m 53s

Epoch [841/1000], Loss: 2.0021
Epoch [841/1000], Loss: 2.0021, Time remaining: ~0.0h 1.0m 52s
Epoch [842/1000], Loss: 1.9787
Epoch [842/1000], Loss: 1.9787, Time remaining: ~0.0h 1.0m 51s
Epoch [843/1000], Loss: 2.0203
Epoch [843/1000], Loss: 2.0203, Time remaining: ~0.0h 1.0m 51s
Epoch [844/1000], Loss: 1.9914
Epoch [844/1000], Loss: 1.9914, Time remaining: ~0.0h 1.0m 50s
Epoch [845/1000], Loss: 1.9880
Epoch [845/1000], Loss: 1.9880, Time remaining: ~0.0h 1.0m 49s
Epoch [846/1000], Loss: 2.0674
Epoch [846/1000], Loss: 2.0674, Time remaining: ~0.0h 1.0m 49s
Epoch [847/1000], Loss: 2.0316
Epoch [847/1000], Loss: 2.0316, Time remaining: ~0.0h 1.0m 48s
Epoch [848/1000], Loss: 1.9809
Epoch [848/1000], Loss: 1.9809, Time remaining: ~0.0h 1.0m 47s
Epoch [849/1000], Loss: 1.9494
Epoch [849/1000], Loss: 1.9494, Time remaining: ~0.0h 1.0m 47s
Epoch [850/1000], Loss: 2.0128
Epoch [850/1000], Loss: 2.0128, Time remaining: ~0.0h 1.0m 46s
Epoch [851/1000], Loss: 1.9925
Epoch [851/1000], Loss: 1.9925, Time remaining: ~0.0h 1.0m 46s
Epoch [852/1000], Loss: 2.0103
Epoch [852/1000], Loss: 2.0103, Time remaining: ~0.0h 1.0m 45s
Epoch [853/1000], Loss: 1.9899
Epoch [853/1000], Loss: 1.9899, Time remaining: ~0.0h 1.0m 44s
Epoch [854/1000], Loss: 2.0155
Epoch [854/1000], Loss: 2.0155, Time remaining: ~0.0h 1.0m 44s
Epoch [855/1000], Loss: 1.9781
Epoch [855/1000], Loss: 1.9781, Time remaining: ~0.0h 1.0m 43s
Epoch [856/1000], Loss: 2.0280
Epoch [856/1000], Loss: 2.0280, Time remaining: ~0.0h 1.0m 42s
Epoch [857/1000], Loss: 2.0355
Epoch [857/1000], Loss: 2.0355, Time remaining: ~0.0h 1.0m 42s
Epoch [858/1000], Loss: 2.0405
Epoch [858/1000], Loss: 2.0405, Time remaining: ~0.0h 1.0m 41s
Epoch [859/1000], Loss: 2.0106
Epoch [859/1000], Loss: 2.0106, Time remaining: ~0.0h 1.0m 41s
Epoch [860/1000], Loss: 1.9781
Epoch [860/1000], Loss: 1.9781, Time remaining: ~0.0h 1.0m 40s
Epoch [861/1000], Loss: 2.0130
Epoch [861/1000], Loss: 2.0130, Time remaining: ~0.0h 1.0m 39s
Epoch [862/1000], Loss: 1.9923
Epoch [862/1000], Loss: 1.9923, Time remaining: ~0.0h 1.0m 39s
Epoch [863/1000], Loss: 1.9994
Epoch [863/1000], Loss: 1.9994, Time remaining: ~0.0h 1.0m 38s
Epoch [864/1000], Loss: 1.9931
Epoch [864/1000], Loss: 1.9931, Time remaining: ~0.0h 1.0m 37s

Epoch [865/1000], Loss: 2.0137
Epoch [865/1000], Loss: 2.0137, Time remaining: ~0.0h 1.0m 37s
Epoch [866/1000], Loss: 2.0406
Epoch [866/1000], Loss: 2.0406, Time remaining: ~0.0h 1.0m 36s
Epoch [867/1000], Loss: 2.0751
Epoch [867/1000], Loss: 2.0751, Time remaining: ~0.0h 1.0m 35s
Epoch [868/1000], Loss: 2.0354
Epoch [868/1000], Loss: 2.0354, Time remaining: ~0.0h 1.0m 35s
Epoch [869/1000], Loss: 1.9736
Epoch [869/1000], Loss: 1.9736, Time remaining: ~0.0h 1.0m 34s
Epoch [870/1000], Loss: 1.9868
Epoch [870/1000], Loss: 1.9868, Time remaining: ~0.0h 1.0m 33s
Epoch [871/1000], Loss: 2.0120
Epoch [871/1000], Loss: 2.0120, Time remaining: ~0.0h 1.0m 33s
Epoch [872/1000], Loss: 1.9878
Epoch [872/1000], Loss: 1.9878, Time remaining: ~0.0h 1.0m 32s
Epoch [873/1000], Loss: 1.9865
Epoch [873/1000], Loss: 1.9865, Time remaining: ~0.0h 1.0m 31s
Epoch [874/1000], Loss: 2.0034
Epoch [874/1000], Loss: 2.0034, Time remaining: ~0.0h 1.0m 31s
Epoch [875/1000], Loss: 2.0169
Epoch [875/1000], Loss: 2.0169, Time remaining: ~0.0h 1.0m 30s
Epoch [876/1000], Loss: 2.0040
Epoch [876/1000], Loss: 2.0040, Time remaining: ~0.0h 1.0m 29s
Epoch [877/1000], Loss: 2.0316
Epoch [877/1000], Loss: 2.0316, Time remaining: ~0.0h 1.0m 29s
Epoch [878/1000], Loss: 1.9868
Epoch [878/1000], Loss: 1.9868, Time remaining: ~0.0h 1.0m 28s
Epoch [879/1000], Loss: 2.0016
Epoch [879/1000], Loss: 2.0016, Time remaining: ~0.0h 1.0m 27s
Epoch [880/1000], Loss: 1.9972
Epoch [880/1000], Loss: 1.9972, Time remaining: ~0.0h 1.0m 27s
Epoch [881/1000], Loss: 2.0462
Epoch [881/1000], Loss: 2.0462, Time remaining: ~0.0h 1.0m 26s
Epoch [882/1000], Loss: 2.0649
Epoch [882/1000], Loss: 2.0649, Time remaining: ~0.0h 1.0m 25s
Epoch [883/1000], Loss: 1.9391
Epoch [883/1000], Loss: 1.9391, Time remaining: ~0.0h 1.0m 25s
Epoch [884/1000], Loss: 1.9875
Epoch [884/1000], Loss: 1.9875, Time remaining: ~0.0h 1.0m 24s
Epoch [885/1000], Loss: 2.0164
Epoch [885/1000], Loss: 2.0164, Time remaining: ~0.0h 1.0m 23s
Epoch [886/1000], Loss: 2.0156
Epoch [886/1000], Loss: 2.0156, Time remaining: ~0.0h 1.0m 23s
Epoch [887/1000], Loss: 2.0046
Epoch [887/1000], Loss: 2.0046, Time remaining: ~0.0h 1.0m 22s
Epoch [888/1000], Loss: 2.0343
Epoch [888/1000], Loss: 2.0343, Time remaining: ~0.0h 1.0m 21s

Epoch [889/1000], Loss: 1.9594
Epoch [889/1000], Loss: 1.9594, Time remaining: ~0.0h 1.0m 21s
Epoch [890/1000], Loss: 1.9630
Epoch [890/1000], Loss: 1.9630, Time remaining: ~0.0h 1.0m 20s
Epoch [891/1000], Loss: 2.0099
Epoch [891/1000], Loss: 2.0099, Time remaining: ~0.0h 1.0m 19s
Epoch [892/1000], Loss: 2.0537
Epoch [892/1000], Loss: 2.0537, Time remaining: ~0.0h 1.0m 19s
Epoch [893/1000], Loss: 1.9638
Epoch [893/1000], Loss: 1.9638, Time remaining: ~0.0h 1.0m 18s
Epoch [894/1000], Loss: 2.0058
Epoch [894/1000], Loss: 2.0058, Time remaining: ~0.0h 1.0m 17s
Epoch [895/1000], Loss: 1.9792
Epoch [895/1000], Loss: 1.9792, Time remaining: ~0.0h 1.0m 16s
Epoch [896/1000], Loss: 2.0688
Epoch [896/1000], Loss: 2.0688, Time remaining: ~0.0h 1.0m 16s
Epoch [897/1000], Loss: 1.9910
Epoch [897/1000], Loss: 1.9910, Time remaining: ~0.0h 1.0m 15s
Epoch [898/1000], Loss: 1.9427
Epoch [898/1000], Loss: 1.9427, Time remaining: ~0.0h 1.0m 14s
Epoch [899/1000], Loss: 2.0347
Epoch [899/1000], Loss: 2.0347, Time remaining: ~0.0h 1.0m 14s
Epoch [900/1000], Loss: 1.9880
Epoch [900/1000], Loss: 1.9880, Time remaining: ~0.0h 1.0m 13s
Epoch [901/1000], Loss: 1.9651
Epoch [901/1000], Loss: 1.9651, Time remaining: ~0.0h 1.0m 12s
Epoch [902/1000], Loss: 1.9435
Epoch [902/1000], Loss: 1.9435, Time remaining: ~0.0h 1.0m 12s
Epoch [903/1000], Loss: 2.0386
Epoch [903/1000], Loss: 2.0386, Time remaining: ~0.0h 1.0m 11s
Epoch [904/1000], Loss: 2.0032
Epoch [904/1000], Loss: 2.0032, Time remaining: ~0.0h 1.0m 10s
Epoch [905/1000], Loss: 1.9638
Epoch [905/1000], Loss: 1.9638, Time remaining: ~0.0h 1.0m 10s
Epoch [906/1000], Loss: 2.0197
Epoch [906/1000], Loss: 2.0197, Time remaining: ~0.0h 1.0m 9s
Epoch [907/1000], Loss: 1.9454
Epoch [907/1000], Loss: 1.9454, Time remaining: ~0.0h 1.0m 8s
Epoch [908/1000], Loss: 1.9824
Epoch [908/1000], Loss: 1.9824, Time remaining: ~0.0h 1.0m 7s
Epoch [909/1000], Loss: 2.0249
Epoch [909/1000], Loss: 2.0249, Time remaining: ~0.0h 1.0m 7s
Epoch [910/1000], Loss: 1.9840
Epoch [910/1000], Loss: 1.9840, Time remaining: ~0.0h 1.0m 6s
Epoch [911/1000], Loss: 1.9922
Epoch [911/1000], Loss: 1.9922, Time remaining: ~0.0h 1.0m 5s
Epoch [912/1000], Loss: 1.9772
Epoch [912/1000], Loss: 1.9772, Time remaining: ~0.0h 1.0m 5s

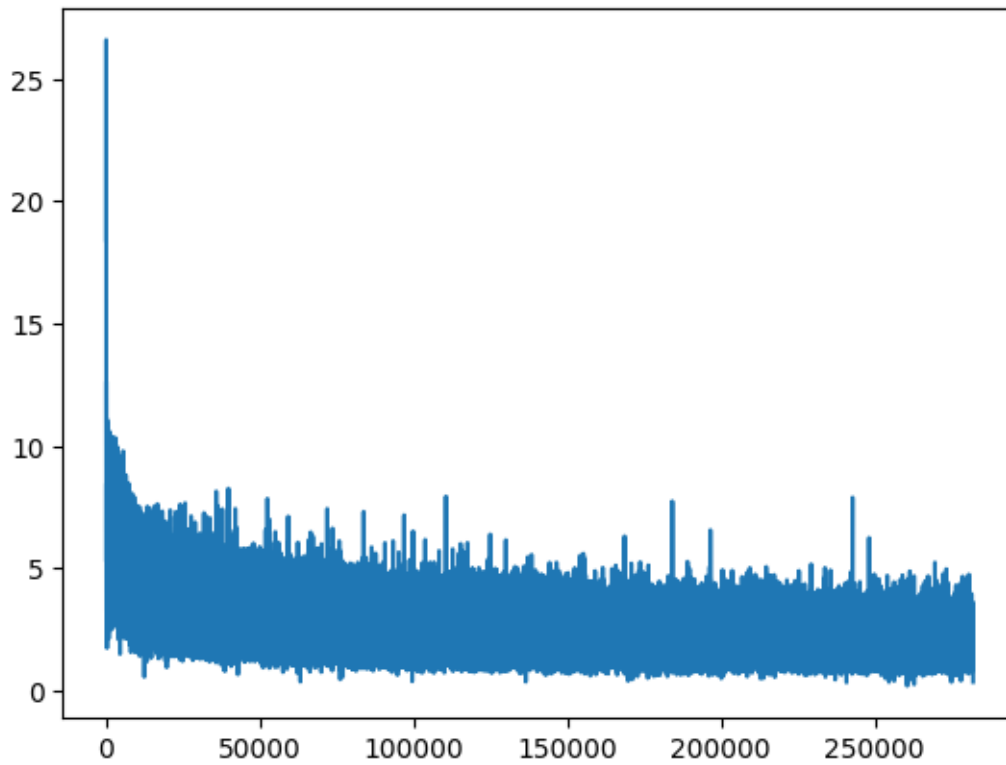
Epoch [913/1000], Loss: 1.9902
Epoch [913/1000], Loss: 1.9902, Time remaining: ~0.0h 1.0m 4s
Epoch [914/1000], Loss: 2.0396
Epoch [914/1000], Loss: 2.0396, Time remaining: ~0.0h 1.0m 3s
Epoch [915/1000], Loss: 1.9544
Epoch [915/1000], Loss: 1.9544, Time remaining: ~0.0h 1.0m 3s
Epoch [916/1000], Loss: 1.9425
Epoch [916/1000], Loss: 1.9425, Time remaining: ~0.0h 1.0m 2s
Epoch [917/1000], Loss: 1.9513
Epoch [917/1000], Loss: 1.9513, Time remaining: ~0.0h 1.0m 1s
Epoch [918/1000], Loss: 1.9949
Epoch [918/1000], Loss: 1.9949, Time remaining: ~0.0h 1.0m 0s
Epoch [919/1000], Loss: 2.0041
Epoch [919/1000], Loss: 2.0041, Time remaining: ~0.0h 0.0m 60s
Epoch [920/1000], Loss: 1.9574
Epoch [920/1000], Loss: 1.9574, Time remaining: ~0.0h 0.0m 59s
Epoch [921/1000], Loss: 1.9838
Epoch [921/1000], Loss: 1.9838, Time remaining: ~0.0h 0.0m 58s
Epoch [922/1000], Loss: 1.9573
Epoch [922/1000], Loss: 1.9573, Time remaining: ~0.0h 0.0m 58s
Epoch [923/1000], Loss: 1.9587
Epoch [923/1000], Loss: 1.9587, Time remaining: ~0.0h 0.0m 57s
Epoch [924/1000], Loss: 1.9415
Epoch [924/1000], Loss: 1.9415, Time remaining: ~0.0h 0.0m 56s
Epoch [925/1000], Loss: 2.0349
Epoch [925/1000], Loss: 2.0349, Time remaining: ~0.0h 0.0m 55s
Epoch [926/1000], Loss: 1.9858
Epoch [926/1000], Loss: 1.9858, Time remaining: ~0.0h 0.0m 55s
Epoch [927/1000], Loss: 1.9675
Epoch [927/1000], Loss: 1.9675, Time remaining: ~0.0h 0.0m 54s
Epoch [928/1000], Loss: 1.9998
Epoch [928/1000], Loss: 1.9998, Time remaining: ~0.0h 0.0m 53s
Epoch [929/1000], Loss: 1.9786
Epoch [929/1000], Loss: 1.9786, Time remaining: ~0.0h 0.0m 53s
Epoch [930/1000], Loss: 1.9689
Epoch [930/1000], Loss: 1.9689, Time remaining: ~0.0h 0.0m 52s
Epoch [931/1000], Loss: 1.9695
Epoch [931/1000], Loss: 1.9695, Time remaining: ~0.0h 0.0m 51s
Epoch [932/1000], Loss: 1.9529
Epoch [932/1000], Loss: 1.9529, Time remaining: ~0.0h 0.0m 50s
Epoch [933/1000], Loss: 1.9856
Epoch [933/1000], Loss: 1.9856, Time remaining: ~0.0h 0.0m 50s
Epoch [934/1000], Loss: 1.9832
Epoch [934/1000], Loss: 1.9832, Time remaining: ~0.0h 0.0m 49s
Epoch [935/1000], Loss: 1.9615
Epoch [935/1000], Loss: 1.9615, Time remaining: ~0.0h 0.0m 48s
Epoch [936/1000], Loss: 1.9834
Epoch [936/1000], Loss: 1.9834, Time remaining: ~0.0h 0.0m 47s

Epoch [937/1000], Loss: 1.9953
Epoch [937/1000], Loss: 1.9953, Time remaining: ~0.0h 0.0m 47s
Epoch [938/1000], Loss: 1.9857
Epoch [938/1000], Loss: 1.9857, Time remaining: ~0.0h 0.0m 46s
Epoch [939/1000], Loss: 1.9753
Epoch [939/1000], Loss: 1.9753, Time remaining: ~0.0h 0.0m 45s
Epoch [940/1000], Loss: 1.9510
Epoch [940/1000], Loss: 1.9510, Time remaining: ~0.0h 0.0m 45s
Epoch [941/1000], Loss: 1.9791
Epoch [941/1000], Loss: 1.9791, Time remaining: ~0.0h 0.0m 44s
Epoch [942/1000], Loss: 1.9695
Epoch [942/1000], Loss: 1.9695, Time remaining: ~0.0h 0.0m 43s
Epoch [943/1000], Loss: 1.9494
Epoch [943/1000], Loss: 1.9494, Time remaining: ~0.0h 0.0m 42s
Epoch [944/1000], Loss: 1.9702
Epoch [944/1000], Loss: 1.9702, Time remaining: ~0.0h 0.0m 42s
Epoch [945/1000], Loss: 1.9463
Epoch [945/1000], Loss: 1.9463, Time remaining: ~0.0h 0.0m 41s
Epoch [946/1000], Loss: 1.9392
Epoch [946/1000], Loss: 1.9392, Time remaining: ~0.0h 0.0m 40s
Epoch [947/1000], Loss: 1.9435
Epoch [947/1000], Loss: 1.9435, Time remaining: ~0.0h 0.0m 39s
Epoch [948/1000], Loss: 1.9584
Epoch [948/1000], Loss: 1.9584, Time remaining: ~0.0h 0.0m 39s
Epoch [949/1000], Loss: 2.0025
Epoch [949/1000], Loss: 2.0025, Time remaining: ~0.0h 0.0m 38s
Epoch [950/1000], Loss: 1.9285
Epoch [950/1000], Loss: 1.9285, Time remaining: ~0.0h 0.0m 37s
Epoch [951/1000], Loss: 2.0065
Epoch [951/1000], Loss: 2.0065, Time remaining: ~0.0h 0.0m 37s
Epoch [952/1000], Loss: 1.9266
Epoch [952/1000], Loss: 1.9266, Time remaining: ~0.0h 0.0m 36s
Epoch [953/1000], Loss: 1.9204
Epoch [953/1000], Loss: 1.9204, Time remaining: ~0.0h 0.0m 35s
Epoch [954/1000], Loss: 1.9678
Epoch [954/1000], Loss: 1.9678, Time remaining: ~0.0h 0.0m 34s
Epoch [955/1000], Loss: 1.9302
Epoch [955/1000], Loss: 1.9302, Time remaining: ~0.0h 0.0m 34s
Epoch [956/1000], Loss: 1.9601
Epoch [956/1000], Loss: 1.9601, Time remaining: ~0.0h 0.0m 33s
Epoch [957/1000], Loss: 1.9660
Epoch [957/1000], Loss: 1.9660, Time remaining: ~0.0h 0.0m 32s
Epoch [958/1000], Loss: 2.0012
Epoch [958/1000], Loss: 2.0012, Time remaining: ~0.0h 0.0m 31s
Epoch [959/1000], Loss: 1.9879
Epoch [959/1000], Loss: 1.9879, Time remaining: ~0.0h 0.0m 31s
Epoch [960/1000], Loss: 1.9250
Epoch [960/1000], Loss: 1.9250, Time remaining: ~0.0h 0.0m 30s

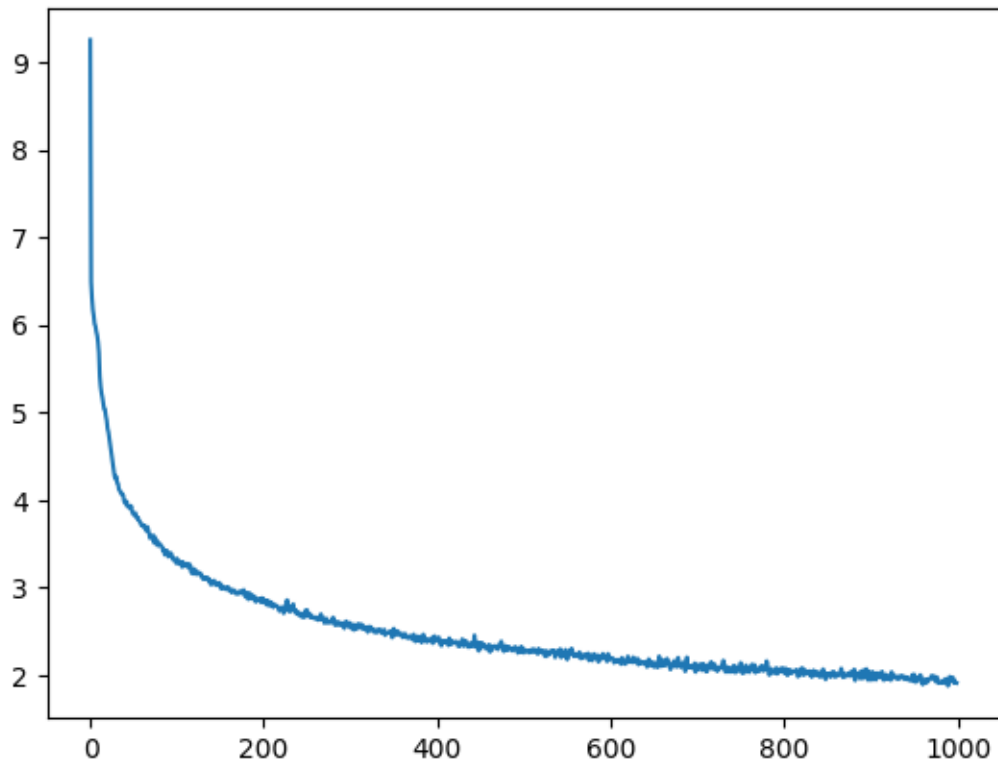
Epoch [961/1000], Loss: 1.8920
Epoch [961/1000], Loss: 1.8920, Time remaining: ~0.0h 0.0m 29s
Epoch [962/1000], Loss: 1.9361
Epoch [962/1000], Loss: 1.9361, Time remaining: ~0.0h 0.0m 28s
Epoch [963/1000], Loss: 1.9106
Epoch [963/1000], Loss: 1.9106, Time remaining: ~0.0h 0.0m 28s
Epoch [964/1000], Loss: 1.9479
Epoch [964/1000], Loss: 1.9479, Time remaining: ~0.0h 0.0m 27s
Epoch [965/1000], Loss: 1.9149
Epoch [965/1000], Loss: 1.9149, Time remaining: ~0.0h 0.0m 26s
Epoch [966/1000], Loss: 1.9497
Epoch [966/1000], Loss: 1.9497, Time remaining: ~0.0h 0.0m 26s
Epoch [967/1000], Loss: 1.9248
Epoch [967/1000], Loss: 1.9248, Time remaining: ~0.0h 0.0m 25s
Epoch [968/1000], Loss: 1.9473
Epoch [968/1000], Loss: 1.9473, Time remaining: ~0.0h 0.0m 24s
Epoch [969/1000], Loss: 1.9568
Epoch [969/1000], Loss: 1.9568, Time remaining: ~0.0h 0.0m 23s
Epoch [970/1000], Loss: 1.9656
Epoch [970/1000], Loss: 1.9656, Time remaining: ~0.0h 0.0m 23s
Epoch [971/1000], Loss: 1.9910
Epoch [971/1000], Loss: 1.9910, Time remaining: ~0.0h 0.0m 22s
Epoch [972/1000], Loss: 1.9881
Epoch [972/1000], Loss: 1.9881, Time remaining: ~0.0h 0.0m 21s
Epoch [973/1000], Loss: 1.9550
Epoch [973/1000], Loss: 1.9550, Time remaining: ~0.0h 0.0m 20s
Epoch [974/1000], Loss: 1.9849
Epoch [974/1000], Loss: 1.9849, Time remaining: ~0.0h 0.0m 20s
Epoch [975/1000], Loss: 1.9695
Epoch [975/1000], Loss: 1.9695, Time remaining: ~0.0h 0.0m 19s
Epoch [976/1000], Loss: 1.9244
Epoch [976/1000], Loss: 1.9244, Time remaining: ~0.0h 0.0m 18s
Epoch [977/1000], Loss: 1.9790
Epoch [977/1000], Loss: 1.9790, Time remaining: ~0.0h 0.0m 17s
Epoch [978/1000], Loss: 1.9615
Epoch [978/1000], Loss: 1.9615, Time remaining: ~0.0h 0.0m 17s
Epoch [979/1000], Loss: 1.9078
Epoch [979/1000], Loss: 1.9078, Time remaining: ~0.0h 0.0m 16s
Epoch [980/1000], Loss: 1.9138
Epoch [980/1000], Loss: 1.9138, Time remaining: ~0.0h 0.0m 15s
Epoch [981/1000], Loss: 1.9110
Epoch [981/1000], Loss: 1.9110, Time remaining: ~0.0h 0.0m 14s
Epoch [982/1000], Loss: 1.9149
Epoch [982/1000], Loss: 1.9149, Time remaining: ~0.0h 0.0m 14s
Epoch [983/1000], Loss: 1.9182
Epoch [983/1000], Loss: 1.9182, Time remaining: ~0.0h 0.0m 13s
Epoch [984/1000], Loss: 1.9337
Epoch [984/1000], Loss: 1.9337, Time remaining: ~0.0h 0.0m 12s

```
Epoch [985/1000], Loss: 1.9104
Epoch [985/1000], Loss: 1.9104, Time remaining: ~0.0h 0.0m 11s
Epoch [986/1000], Loss: 1.9157
Epoch [986/1000], Loss: 1.9157, Time remaining: ~0.0h 0.0m 11s
Epoch [987/1000], Loss: 1.9561
Epoch [987/1000], Loss: 1.9561, Time remaining: ~0.0h 0.0m 10s
Epoch [988/1000], Loss: 1.9500
Epoch [988/1000], Loss: 1.9500, Time remaining: ~0.0h 0.0m 9s
Epoch [989/1000], Loss: 1.9164
Epoch [989/1000], Loss: 1.9164, Time remaining: ~0.0h 0.0m 8s
Epoch [990/1000], Loss: 1.8765
Epoch [990/1000], Loss: 1.8765, Time remaining: ~0.0h 0.0m 8s
Epoch [991/1000], Loss: 1.8992
Epoch [991/1000], Loss: 1.8992, Time remaining: ~0.0h 0.0m 7s
Epoch [992/1000], Loss: 1.9814
Epoch [992/1000], Loss: 1.9814, Time remaining: ~0.0h 0.0m 6s
Epoch [993/1000], Loss: 1.9663
Epoch [993/1000], Loss: 1.9663, Time remaining: ~0.0h 0.0m 5s
Epoch [994/1000], Loss: 1.9512
Epoch [994/1000], Loss: 1.9512, Time remaining: ~0.0h 0.0m 5s
Epoch [995/1000], Loss: 1.9402
Epoch [995/1000], Loss: 1.9402, Time remaining: ~0.0h 0.0m 4s
Epoch [996/1000], Loss: 1.9706
Epoch [996/1000], Loss: 1.9706, Time remaining: ~0.0h 0.0m 3s
Epoch [997/1000], Loss: 1.9118
Epoch [997/1000], Loss: 1.9118, Time remaining: ~0.0h 0.0m 2s
Epoch [998/1000], Loss: 1.9264
Epoch [998/1000], Loss: 1.9264, Time remaining: ~0.0h 0.0m 2s
Epoch [999/1000], Loss: 1.9142
Epoch [999/1000], Loss: 1.9142, Time remaining: ~0.0h 0.0m 1s
Epoch [1000/1000], Loss: 1.9103
Epoch [1000/1000], Loss: 1.9103, Time remaining: ~0.0h 0.0m 0s
```

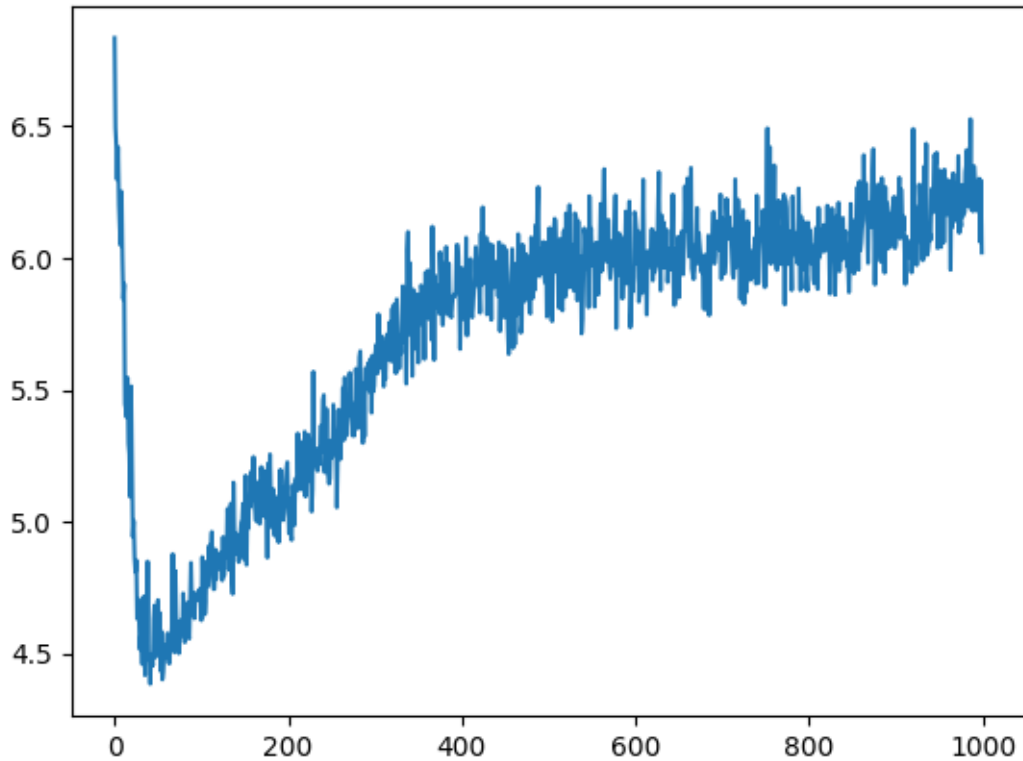
```
[ ]: #plot the loss
import matplotlib.pyplot as plt
plt.plot(losses)
plt.show()
```



```
[ ]: #plot the loss  
import matplotlib.pyplot as plt  
plt.plot(losses_epochs)  
plt.show()
```



```
[ ]: import matplotlib.pyplot as plt
plt.plot(losses_epochs_validation)
plt.show()
```



```
[ ]: avg_loss = 0
for x, (i, t) in enumerate(zip((input_validation), target_validation)):
    loss = criterion(model(i), t)
    avg_loss += loss/len(target_validation)
    print('i: {}, target: {:.3f}, output: {:.3f}, loss: {:.3f}'.format(x, t.
    ↪item(), model(i).item(), loss))
    print('')

print('Average loss: {:.3f}'.format(avg_loss))
```

i: 0, target: 3.953, output: 6.619, loss: 7.107

i: 1, target: 9.310, output: 9.209, loss: 0.010

i: 2, target: 7.143, output: 2.354, loss: 22.935

i: 3, target: 2.437, output: 4.403, loss: 3.864

i: 4, target: 2.441, output: 3.488, loss: 1.098

i: 5, target: 2.562, output: 1.577, loss: 0.970

i: 6, target: 7.501, output: 6.603, loss: 0.806
i: 7, target: 2.076, output: 3.370, loss: 1.675
i: 8, target: 3.461, output: 4.799, loss: 1.788
i: 9, target: 1.984, output: 5.563, loss: 12.811
i: 10, target: 4.632, output: 5.379, loss: 0.559
i: 11, target: 4.738, output: 3.149, loss: 2.525
i: 12, target: 0.687, output: 3.934, loss: 10.547
i: 13, target: 3.711, output: 2.980, loss: 0.534
i: 14, target: 4.865, output: 1.726, loss: 9.856
i: 15, target: 0.219, output: 1.646, loss: 2.036
i: 16, target: 5.111, output: 3.385, loss: 2.977
i: 17, target: 4.594, output: 3.169, loss: 2.032
i: 18, target: 9.540, output: 6.718, loss: 7.965
i: 19, target: 1.810, output: 4.509, loss: 7.286
i: 20, target: -0.412, output: 1.669, loss: 4.330
i: 21, target: 6.515, output: 2.799, loss: 13.808
i: 22, target: 8.754, output: 7.380, loss: 1.889
i: 23, target: 4.019, output: 7.167, loss: 9.912
i: 24, target: 0.987, output: 3.369, loss: 5.675
i: 25, target: 5.199, output: 1.689, loss: 12.321
i: 26, target: 5.441, output: 1.729, loss: 13.783
i: 27, target: 4.274, output: 3.851, loss: 0.179
i: 28, target: 5.354, output: 3.807, loss: 2.393
i: 29, target: -0.715, output: 2.695, loss: 11.628

i: 30, target: 1.167, output: 4.000, loss: 8.025
i: 31, target: -1.671, output: 0.967, loss: 6.956
i: 32, target: 3.295, output: 2.980, loss: 0.099
i: 33, target: 4.574, output: 3.852, loss: 0.522
i: 34, target: 8.092, output: 7.305, loss: 0.620
i: 35, target: 8.515, output: 8.337, loss: 0.032
i: 36, target: 0.239, output: 1.257, loss: 1.038
i: 37, target: 7.052, output: 9.236, loss: 4.768
i: 38, target: 1.621, output: 1.845, loss: 0.050
i: 39, target: 3.272, output: 4.878, loss: 2.579
i: 40, target: 5.988, output: 5.800, loss: 0.035
i: 41, target: 8.877, output: 4.144, loss: 22.398
i: 42, target: 1.354, output: 2.654, loss: 1.688
i: 43, target: 9.679, output: 3.782, loss: 34.783
i: 44, target: 5.729, output: 7.857, loss: 4.529
i: 45, target: 4.126, output: 5.311, loss: 1.406
i: 46, target: 8.807, output: 6.219, loss: 6.697
i: 47, target: 3.738, output: 1.806, loss: 3.731
i: 48, target: 6.606, output: 5.559, loss: 1.096
i: 49, target: 1.464, output: 6.162, loss: 22.069
i: 50, target: 9.182, output: 7.074, loss: 4.445
i: 51, target: 0.731, output: 3.027, loss: 5.275
i: 52, target: 6.973, output: 1.727, loss: 27.513
i: 53, target: 5.941, output: 2.220, loss: 13.848

i: 54, target: 7.184, output: 8.576, loss: 1.938
i: 55, target: 2.067, output: 1.309, loss: 0.576
i: 56, target: 7.395, output: 5.943, loss: 2.108
i: 57, target: 1.084, output: 3.305, loss: 4.935
i: 58, target: 3.256, output: 2.464, loss: 0.626
i: 59, target: 3.774, output: 5.992, loss: 4.918
i: 60, target: 6.482, output: 6.402, loss: 0.006
i: 61, target: 6.928, output: 6.854, loss: 0.005
i: 62, target: 4.157, output: 1.185, loss: 8.835
i: 63, target: 6.128, output: 4.583, loss: 2.387
i: 64, target: 2.680, output: 2.695, loss: 0.000
i: 65, target: 6.554, output: 7.379, loss: 0.680
i: 66, target: 3.662, output: 6.654, loss: 8.954
i: 67, target: 7.742, output: 5.562, loss: 4.755
i: 68, target: 6.706, output: 6.940, loss: 0.055
i: 69, target: 1.976, output: 4.857, loss: 8.304
i: 70, target: 5.666, output: 6.816, loss: 1.324
i: 71, target: 2.087, output: 6.197, loss: 16.895
i: 72, target: 6.451, output: 5.778, loss: 0.453
i: 73, target: 6.920, output: 5.563, loss: 1.841
i: 74, target: 3.496, output: 2.264, loss: 1.517
i: 75, target: 0.190, output: 2.484, loss: 5.263
i: 76, target: 2.925, output: 2.431, loss: 0.244
i: 77, target: 6.768, output: 6.285, loss: 0.233

i: 78, target: 7.022, output: 4.775, loss: 5.049
i: 79, target: 2.750, output: 2.714, loss: 0.001
i: 80, target: -0.750, output: 2.232, loss: 8.892
i: 81, target: 1.909, output: 4.192, loss: 5.215
i: 82, target: 7.305, output: 6.442, loss: 0.745
i: 83, target: 9.771, output: 5.677, loss: 16.764
i: 84, target: 3.458, output: 2.622, loss: 0.698
i: 85, target: 6.161, output: 2.104, loss: 16.455
i: 86, target: 3.074, output: 1.605, loss: 2.157
i: 87, target: 3.080, output: 1.664, loss: 2.007
i: 88, target: 2.649, output: 2.826, loss: 0.031
i: 89, target: 1.688, output: 3.019, loss: 1.771
i: 90, target: 1.346, output: 3.520, loss: 4.726
i: 91, target: 0.544, output: 1.794, loss: 1.561
i: 92, target: 0.293, output: 3.196, loss: 8.426
i: 93, target: 3.481, output: 3.955, loss: 0.225
i: 94, target: 7.981, output: 3.636, loss: 18.880
i: 95, target: 4.781, output: 2.223, loss: 6.546
i: 96, target: -0.025, output: 5.976, loss: 36.019
i: 97, target: 4.503, output: 5.515, loss: 1.023
i: 98, target: 7.528, output: 2.940, loss: 21.051
i: 99, target: 3.595, output: 1.585, loss: 4.040
i: 100, target: 0.223, output: 1.932, loss: 2.918
i: 101, target: 9.252, output: 4.793, loss: 19.885

i: 102, target: 0.714, output: 6.391, loss: 32.220
i: 103, target: 3.632, output: 4.472, loss: 0.706
i: 104, target: 5.276, output: 2.379, loss: 8.392
i: 105, target: 0.784, output: 2.209, loss: 2.031
i: 106, target: 8.359, output: 7.834, loss: 0.276
i: 107, target: 6.753, output: 5.614, loss: 1.297
i: 108, target: 2.034, output: 1.310, loss: 0.524
i: 109, target: 6.085, output: 5.494, loss: 0.348
i: 110, target: 6.367, output: 5.470, loss: 0.805
i: 111, target: 2.888, output: 3.853, loss: 0.931
i: 112, target: 3.253, output: 6.125, loss: 8.247
i: 113, target: 1.826, output: 2.817, loss: 0.982
i: 114, target: 1.501, output: 3.669, loss: 4.700
i: 115, target: 5.673, output: 3.059, loss: 6.835
i: 116, target: 3.615, output: 3.963, loss: 0.121
i: 117, target: 0.522, output: 3.748, loss: 10.404
i: 118, target: 8.607, output: 5.654, loss: 8.719
i: 119, target: 6.192, output: 7.097, loss: 0.819
i: 120, target: 0.733, output: 1.634, loss: 0.812
i: 121, target: 6.545, output: 1.628, loss: 24.180
i: 122, target: 5.032, output: 7.757, loss: 7.423
i: 123, target: 6.673, output: 5.299, loss: 1.888
i: 124, target: 0.700, output: 1.649, loss: 0.900
i: 125, target: 7.089, output: 3.367, loss: 13.852

i: 126, target: 5.710, output: 1.995, loss: 13.808
i: 127, target: 4.929, output: 4.247, loss: 0.466
i: 128, target: 3.614, output: 3.362, loss: 0.064
i: 129, target: 3.104, output: 1.586, loss: 2.304
i: 130, target: 2.996, output: 3.138, loss: 0.020
i: 131, target: 4.595, output: 3.648, loss: 0.898
i: 132, target: 5.459, output: 6.434, loss: 0.949
i: 133, target: 3.303, output: 2.967, loss: 0.113
i: 134, target: -1.264, output: 2.695, loss: 15.671
i: 135, target: 0.862, output: 1.802, loss: 0.885
i: 136, target: 3.541, output: 4.407, loss: 0.749
i: 137, target: 6.308, output: 0.000, loss: 39.785
i: 138, target: 1.436, output: 5.914, loss: 20.054
i: 139, target: 3.440, output: 3.214, loss: 0.051
i: 140, target: 6.546, output: 6.530, loss: 0.000
i: 141, target: 6.979, output: 5.643, loss: 1.784
i: 142, target: 3.471, output: 3.757, loss: 0.082
i: 143, target: 4.127, output: 2.204, loss: 3.697
i: 144, target: -0.063, output: 6.040, loss: 37.255
i: 145, target: 4.004, output: 2.025, loss: 3.916
i: 146, target: -0.391, output: 1.298, loss: 2.853
i: 147, target: 3.609, output: 2.695, loss: 0.835
i: 148, target: 6.884, output: 1.560, loss: 28.342
i: 149, target: 0.980, output: 5.589, loss: 21.246

i: 150, target: 7.776, output: 8.446, loss: 0.448
i: 151, target: 5.730, output: 6.485, loss: 0.571
i: 152, target: 2.744, output: 5.483, loss: 7.499
i: 153, target: 3.390, output: 4.594, loss: 1.451
i: 154, target: 4.891, output: 4.046, loss: 0.714
i: 155, target: 4.591, output: 6.415, loss: 3.328
i: 156, target: 4.007, output: 5.827, loss: 3.312
i: 157, target: 1.490, output: 4.737, loss: 10.543
i: 158, target: 3.812, output: 5.250, loss: 2.068
i: 159, target: 2.421, output: 3.401, loss: 0.959
i: 160, target: 2.504, output: 1.674, loss: 0.688
i: 161, target: -0.715, output: 3.592, loss: 18.554
i: 162, target: 2.407, output: 8.166, loss: 33.162
i: 163, target: 5.870, output: 7.722, loss: 3.429
i: 164, target: 3.979, output: 7.860, loss: 15.065
i: 165, target: 1.992, output: 1.870, loss: 0.015
i: 166, target: 5.016, output: 3.139, loss: 3.526
i: 167, target: 4.896, output: 5.261, loss: 0.133
i: 168, target: -0.711, output: 2.888, loss: 12.953
i: 169, target: 3.279, output: 4.759, loss: 2.189
i: 170, target: 5.292, output: 5.708, loss: 0.173
i: 171, target: 9.487, output: 4.800, loss: 21.971
i: 172, target: 4.678, output: 3.890, loss: 0.621
i: 173, target: 2.112, output: 3.170, loss: 1.119

i: 174, target: 8.310, output: 5.883, loss: 5.888
i: 175, target: 4.581, output: 4.838, loss: 0.066
i: 176, target: 1.482, output: 2.552, loss: 1.145
i: 177, target: 6.594, output: 2.029, loss: 20.841
i: 178, target: 3.743, output: 2.695, loss: 1.099
i: 179, target: 0.981, output: 1.248, loss: 0.071
i: 180, target: 1.471, output: 4.816, loss: 11.189
i: 181, target: 9.069, output: 5.552, loss: 12.370
i: 182, target: -0.920, output: 4.175, loss: 25.958
i: 183, target: 1.898, output: 2.546, loss: 0.420
i: 184, target: 2.980, output: 2.367, loss: 0.375
i: 185, target: 6.050, output: 4.230, loss: 3.314
i: 186, target: 7.304, output: 4.393, loss: 8.474
i: 187, target: 6.420, output: 9.650, loss: 10.433
i: 188, target: 8.116, output: 3.924, loss: 17.577
i: 189, target: 3.752, output: 7.332, loss: 12.816
i: 190, target: 6.559, output: 6.317, loss: 0.059
i: 191, target: 1.713, output: 3.477, loss: 3.110
i: 192, target: 1.656, output: 2.349, loss: 0.479
i: 193, target: 1.100, output: 2.695, loss: 2.545
i: 194, target: 5.413, output: 3.768, loss: 2.705
i: 195, target: 3.770, output: 4.662, loss: 0.796
i: 196, target: 3.604, output: 2.874, loss: 0.533
i: 197, target: 1.872, output: 4.241, loss: 5.608

i: 198, target: 4.323, output: 5.300, loss: 0.953
i: 199, target: 5.598, output: 3.577, loss: 4.081
i: 200, target: 7.727, output: 7.666, loss: 0.004
i: 201, target: 0.819, output: 5.650, loss: 23.344
i: 202, target: 6.763, output: 6.997, loss: 0.055
i: 203, target: 4.399, output: 5.300, loss: 0.812
i: 204, target: 0.487, output: 2.487, loss: 4.001
i: 205, target: 3.593, output: 3.038, loss: 0.309
i: 206, target: 9.806, output: 7.478, loss: 5.419
i: 207, target: 5.424, output: 4.326, loss: 1.206
i: 208, target: 4.309, output: 3.673, loss: 0.406
i: 209, target: 6.712, output: 3.708, loss: 9.023
i: 210, target: 6.479, output: 7.283, loss: 0.647
i: 211, target: 3.529, output: 4.903, loss: 1.889
i: 212, target: 8.959, output: 7.770, loss: 1.413
i: 213, target: 3.855, output: 2.206, loss: 2.720
i: 214, target: 7.142, output: 3.780, loss: 11.301
i: 215, target: 7.337, output: 4.967, loss: 5.615
i: 216, target: 2.800, output: 2.254, loss: 0.298
i: 217, target: 2.230, output: 2.433, loss: 0.041
i: 218, target: 8.057, output: 1.822, loss: 38.875
i: 219, target: 3.263, output: 3.200, loss: 0.004
i: 220, target: 2.196, output: 4.019, loss: 3.322
i: 221, target: 7.786, output: 4.801, loss: 8.910

i: 222, target: 0.330, output: 3.739, loss: 11.620
i: 223, target: 5.753, output: 1.761, loss: 15.933
i: 224, target: 8.461, output: 7.265, loss: 1.431
i: 225, target: 5.101, output: 4.745, loss: 0.126
i: 226, target: 0.611, output: 1.753, loss: 1.306
i: 227, target: 9.496, output: 6.371, loss: 9.766
i: 228, target: 8.155, output: 4.318, loss: 14.717
i: 229, target: 3.174, output: 1.701, loss: 2.169
i: 230, target: -0.041, output: 3.097, loss: 9.848
i: 231, target: 2.416, output: 4.997, loss: 6.662
i: 232, target: 2.209, output: 6.015, loss: 14.485
i: 233, target: 8.731, output: 6.270, loss: 6.056
i: 234, target: 8.192, output: 3.896, loss: 18.459
i: 235, target: 6.629, output: 5.584, loss: 1.093
i: 236, target: 7.181, output: 6.085, loss: 1.200
i: 237, target: 4.370, output: 0.548, loss: 14.614
i: 238, target: 1.894, output: 1.886, loss: 0.000
i: 239, target: 5.451, output: 3.343, loss: 4.444
i: 240, target: 0.854, output: 5.891, loss: 25.376
i: 241, target: 7.110, output: 3.652, loss: 11.963
i: 242, target: 0.602, output: 2.455, loss: 3.435
i: 243, target: 5.498, output: 6.630, loss: 1.280
i: 244, target: 3.982, output: 3.509, loss: 0.224
i: 245, target: 8.178, output: 3.331, loss: 23.489

i: 246, target: 3.375, output: 1.763, loss: 2.599
i: 247, target: 1.911, output: 1.394, loss: 0.268
i: 248, target: 7.126, output: 7.393, loss: 0.072
i: 249, target: 2.940, output: 3.943, loss: 1.006
i: 250, target: 5.510, output: 3.773, loss: 3.019
i: 251, target: 0.722, output: 2.249, loss: 2.332
i: 252, target: 1.295, output: 5.761, loss: 19.945
i: 253, target: 4.814, output: 6.088, loss: 1.622
i: 254, target: 3.819, output: 1.872, loss: 3.788
i: 255, target: 7.386, output: 2.031, loss: 28.685
i: 256, target: 2.913, output: 3.356, loss: 0.196
i: 257, target: 4.331, output: 6.386, loss: 4.220
i: 258, target: 2.398, output: 2.681, loss: 0.080
i: 259, target: 2.005, output: 1.881, loss: 0.015
i: 260, target: 6.658, output: 5.269, loss: 1.930
i: 261, target: 6.205, output: 2.403, loss: 14.457
i: 262, target: 2.618, output: 2.024, loss: 0.353
i: 263, target: 3.955, output: 6.222, loss: 5.138
i: 264, target: -0.223, output: 1.342, loss: 2.450
i: 265, target: -0.673, output: 3.033, loss: 13.739
i: 266, target: 5.084, output: 6.498, loss: 1.999
i: 267, target: 9.650, output: 2.220, loss: 55.210
i: 268, target: 9.260, output: 3.982, loss: 27.860
i: 269, target: 3.754, output: 4.514, loss: 0.578

i: 270, target: -0.474, output: 1.414, loss: 3.562
i: 271, target: 5.274, output: 6.428, loss: 1.331
i: 272, target: 0.097, output: 3.727, loss: 13.174
i: 273, target: 3.594, output: 5.731, loss: 4.565
i: 274, target: 5.149, output: 3.359, loss: 3.202
i: 275, target: 2.630, output: 4.449, loss: 3.308
i: 276, target: 3.869, output: 1.790, loss: 4.322
i: 277, target: 1.429, output: 3.918, loss: 6.192
i: 278, target: 6.002, output: 4.539, loss: 2.141
i: 279, target: 5.103, output: 1.094, loss: 16.076
i: 280, target: 2.747, output: 1.676, loss: 1.147
i: 281, target: 5.149, output: 3.991, loss: 1.343
i: 282, target: 9.495, output: 7.924, loss: 2.468
i: 283, target: 7.557, output: 7.091, loss: 0.217
i: 284, target: 1.958, output: 0.409, loss: 2.399
i: 285, target: 6.505, output: 7.204, loss: 0.489
i: 286, target: 7.062, output: 4.540, loss: 6.358
i: 287, target: 2.780, output: 2.124, loss: 0.430
i: 288, target: 5.437, output: 3.369, loss: 4.277
i: 289, target: 7.825, output: 5.387, loss: 5.941
i: 290, target: 2.611, output: 3.326, loss: 0.511
i: 291, target: 0.966, output: 4.480, loss: 12.348
i: 292, target: 4.242, output: 2.695, loss: 2.394
i: 293, target: 4.549, output: 4.145, loss: 0.163

i: 294, target: 2.975, output: 4.801, loss: 3.336
i: 295, target: 7.208, output: 1.805, loss: 29.191
i: 296, target: 1.388, output: 0.304, loss: 1.174
i: 297, target: 2.627, output: 1.085, loss: 2.378
i: 298, target: 1.468, output: 3.623, loss: 4.642
i: 299, target: 3.944, output: 2.314, loss: 2.657
i: 300, target: 3.236, output: 5.471, loss: 4.995
i: 301, target: 3.588, output: 1.893, loss: 2.876
i: 302, target: 6.587, output: 4.123, loss: 6.069
i: 303, target: 7.446, output: 2.748, loss: 22.070
i: 304, target: 3.387, output: 6.875, loss: 12.162
i: 305, target: 6.741, output: 5.003, loss: 3.021
i: 306, target: 6.219, output: 6.175, loss: 0.002
i: 307, target: 2.710, output: 6.038, loss: 11.075
i: 308, target: 4.094, output: 4.630, loss: 0.288
i: 309, target: 3.874, output: 0.164, loss: 13.767
i: 310, target: 3.873, output: 2.306, loss: 2.456
i: 311, target: 3.824, output: 5.863, loss: 4.154
i: 312, target: 1.237, output: 3.324, loss: 4.356
i: 313, target: 7.930, output: 5.668, loss: 5.116
i: 314, target: 6.395, output: 3.230, loss: 10.015
i: 315, target: 3.992, output: 2.719, loss: 1.620
i: 316, target: 4.311, output: 4.335, loss: 0.001
i: 317, target: -0.201, output: 1.578, loss: 3.162

i: 318, target: 7.372, output: 5.329, loss: 4.174
i: 319, target: 1.068, output: 1.540, loss: 0.223
i: 320, target: 2.141, output: 1.003, loss: 1.296
i: 321, target: -1.441, output: 2.078, loss: 12.385
i: 322, target: 5.758, output: 3.547, loss: 4.888
i: 323, target: 6.083, output: 4.735, loss: 1.817
i: 324, target: 5.020, output: 3.640, loss: 1.903
i: 325, target: 1.918, output: 3.447, loss: 2.339
i: 326, target: 8.596, output: 5.527, loss: 9.418
i: 327, target: 2.517, output: 1.482, loss: 1.071
i: 328, target: 3.899, output: 5.791, loss: 3.579
i: 329, target: 4.994, output: 7.533, loss: 6.448
i: 330, target: 3.527, output: 1.164, loss: 5.583
i: 331, target: 2.028, output: 3.367, loss: 1.791
i: 332, target: 3.909, output: 3.494, loss: 0.172
i: 333, target: 0.833, output: 4.837, loss: 16.032
i: 334, target: 1.812, output: 5.487, loss: 13.509
i: 335, target: 5.874, output: 2.695, loss: 10.107
i: 336, target: 0.880, output: 4.643, loss: 14.160
i: 337, target: 5.827, output: 6.822, loss: 0.992
i: 338, target: 2.776, output: 1.803, loss: 0.947
i: 339, target: 5.848, output: 3.887, loss: 3.845
i: 340, target: 3.027, output: 6.432, loss: 11.594
i: 341, target: 7.825, output: 4.636, loss: 10.170

i: 342, target: 6.290, output: 4.870, loss: 2.017
i: 343, target: 4.191, output: 3.251, loss: 0.883
i: 344, target: 2.319, output: 2.870, loss: 0.303
i: 345, target: 2.215, output: 7.017, loss: 23.053
i: 346, target: 5.287, output: 4.124, loss: 1.352
i: 347, target: 0.539, output: 0.924, loss: 0.148
i: 348, target: 1.448, output: 2.164, loss: 0.512
i: 349, target: 2.657, output: 5.005, loss: 5.513
i: 350, target: 4.726, output: 2.695, loss: 4.125
i: 351, target: 8.913, output: 5.449, loss: 12.000
i: 352, target: 3.743, output: 3.729, loss: 0.000
i: 353, target: 0.063, output: 1.677, loss: 2.605
i: 354, target: -0.147, output: 2.592, loss: 7.501
i: 355, target: 4.325, output: 3.126, loss: 1.437
i: 356, target: 3.222, output: 6.231, loss: 9.053
i: 357, target: 3.069, output: 2.512, loss: 0.310
i: 358, target: 9.019, output: 8.749, loss: 0.073
i: 359, target: 5.913, output: 7.473, loss: 2.436
i: 360, target: 4.431, output: 6.228, loss: 3.229
i: 361, target: 3.993, output: 7.286, loss: 10.845
i: 362, target: 6.711, output: 5.588, loss: 1.262
i: 363, target: 4.156, output: 6.690, loss: 6.421
i: 364, target: 5.727, output: 4.520, loss: 1.457
i: 365, target: 2.428, output: 3.751, loss: 1.748

i: 366, target: 7.096, output: 4.115, loss: 8.887
i: 367, target: 5.209, output: 1.502, loss: 13.741
i: 368, target: 2.814, output: -0.048, loss: 8.192
i: 369, target: 2.155, output: 2.298, loss: 0.020
i: 370, target: -0.110, output: 1.678, loss: 3.197
i: 371, target: 5.175, output: 1.928, loss: 10.542
i: 372, target: 7.659, output: 4.142, loss: 12.370
i: 373, target: 1.894, output: 4.644, loss: 7.557
i: 374, target: 3.638, output: 2.861, loss: 0.603
i: 375, target: 7.051, output: 5.628, loss: 2.026
i: 376, target: 5.434, output: 6.726, loss: 1.668
i: 377, target: 9.455, output: 4.803, loss: 21.642
i: 378, target: 4.638, output: 4.824, loss: 0.034
i: 379, target: 6.517, output: 6.302, loss: 0.046
i: 380, target: 9.096, output: 5.472, loss: 13.127
i: 381, target: 4.908, output: 4.316, loss: 0.350
i: 382, target: 8.764, output: 5.493, loss: 10.700
i: 383, target: 4.648, output: 3.615, loss: 1.068
i: 384, target: 3.190, output: 2.915, loss: 0.076
i: 385, target: 2.481, output: 1.788, loss: 0.481
i: 386, target: 6.628, output: 4.855, loss: 3.143
i: 387, target: 3.684, output: 5.653, loss: 3.878
i: 388, target: 1.371, output: 2.099, loss: 0.531
i: 389, target: 5.417, output: 5.767, loss: 0.122

i: 390, target: 8.968, output: 6.648, loss: 5.380
i: 391, target: 0.477, output: 2.427, loss: 3.803
i: 392, target: 5.117, output: 4.962, loss: 0.024
i: 393, target: 4.236, output: 4.946, loss: 0.503
i: 394, target: 3.865, output: 3.353, loss: 0.262
i: 395, target: 3.242, output: 8.059, loss: 23.207
i: 396, target: 2.228, output: 4.916, loss: 7.221
i: 397, target: 8.894, output: 3.701, loss: 26.968
i: 398, target: 3.571, output: 6.704, loss: 9.818
i: 399, target: 6.714, output: 1.873, loss: 23.434
i: 400, target: 4.671, output: 4.257, loss: 0.172
i: 401, target: 7.808, output: 4.539, loss: 10.682
i: 402, target: 1.628, output: 2.061, loss: 0.187
i: 403, target: 3.574, output: 3.249, loss: 0.106
i: 404, target: 3.725, output: 6.428, loss: 7.309
i: 405, target: 4.245, output: 7.199, loss: 8.731
i: 406, target: 2.484, output: 4.859, loss: 5.645
i: 407, target: 7.737, output: 6.426, loss: 1.718
i: 408, target: 7.870, output: 6.628, loss: 1.542
i: 409, target: 3.644, output: 5.843, loss: 4.834
i: 410, target: 5.904, output: 7.863, loss: 3.837
i: 411, target: 5.155, output: 5.767, loss: 0.373
i: 412, target: 6.384, output: 7.710, loss: 1.759
i: 413, target: 8.181, output: 6.435, loss: 3.048

i: 414, target: -0.213, output: 2.944, loss: 9.965
i: 415, target: 4.224, output: 8.575, loss: 18.929
i: 416, target: -0.257, output: 5.628, loss: 34.636
i: 417, target: 7.108, output: 4.917, loss: 4.798
i: 418, target: 7.779, output: 9.533, loss: 3.077
i: 419, target: 1.501, output: 5.217, loss: 13.811
i: 420, target: 1.727, output: 1.443, loss: 0.080
i: 421, target: 2.300, output: 6.578, loss: 18.301
i: 422, target: 6.359, output: 4.112, loss: 5.048
i: 423, target: 5.943, output: 4.719, loss: 1.499
i: 424, target: 6.863, output: 6.290, loss: 0.328
i: 425, target: 3.468, output: 7.686, loss: 17.798
i: 426, target: 1.433, output: 4.430, loss: 8.978
i: 427, target: 3.306, output: 8.100, loss: 22.982
i: 428, target: 6.645, output: 4.006, loss: 6.966
i: 429, target: 3.182, output: 3.409, loss: 0.051
i: 430, target: 0.278, output: -0.201, loss: 0.229
i: 431, target: 4.358, output: 3.212, loss: 1.315
i: 432, target: 2.901, output: 4.953, loss: 4.212
i: 433, target: 3.840, output: 4.179, loss: 0.115
i: 434, target: 2.974, output: 2.336, loss: 0.407
i: 435, target: 4.067, output: 3.924, loss: 0.020
i: 436, target: 3.884, output: 1.547, loss: 5.462
i: 437, target: 2.794, output: 1.497, loss: 1.683

i: 438, target: 4.641, output: 4.127, loss: 0.264
i: 439, target: 4.140, output: 4.541, loss: 0.161
i: 440, target: 3.959, output: 2.792, loss: 1.362
i: 441, target: 8.814, output: 7.377, loss: 2.065
i: 442, target: 1.605, output: 3.915, loss: 5.334
i: 443, target: 6.063, output: 8.690, loss: 6.900
i: 444, target: 6.052, output: 2.346, loss: 13.737
i: 445, target: 3.571, output: 6.585, loss: 9.080
i: 446, target: 3.673, output: 0.761, loss: 8.481
i: 447, target: 3.725, output: 6.803, loss: 9.478
i: 448, target: 4.727, output: 1.108, loss: 13.093
i: 449, target: 4.789, output: 4.546, loss: 0.059
i: 450, target: 3.192, output: 6.036, loss: 8.090
i: 451, target: 2.705, output: 4.226, loss: 2.313
i: 452, target: 5.333, output: 3.267, loss: 4.266
i: 453, target: 4.301, output: 3.908, loss: 0.155
i: 454, target: 5.946, output: 6.725, loss: 0.608
i: 455, target: 7.029, output: 5.799, loss: 1.512
i: 456, target: 5.596, output: 4.393, loss: 1.446
i: 457, target: 7.413, output: 4.164, loss: 10.553
i: 458, target: 4.227, output: 3.801, loss: 0.182
i: 459, target: 1.070, output: 3.915, loss: 8.095
i: 460, target: 4.176, output: 4.999, loss: 0.678
i: 461, target: 2.536, output: 3.123, loss: 0.345

i: 462, target: 4.733, output: 5.897, loss: 1.354
i: 463, target: 3.602, output: 3.060, loss: 0.294
i: 464, target: 4.713, output: 4.048, loss: 0.443
i: 465, target: 1.000, output: 4.261, loss: 10.631
i: 466, target: 3.346, output: 4.851, loss: 2.266
i: 467, target: 1.017, output: 2.892, loss: 3.515
i: 468, target: 1.577, output: 3.926, loss: 5.520
i: 469, target: 3.801, output: 6.715, loss: 8.491
i: 470, target: 6.675, output: 2.626, loss: 16.396
i: 471, target: 0.540, output: 2.227, loss: 2.846
i: 472, target: 4.620, output: 5.329, loss: 0.503
i: 473, target: 5.409, output: 4.498, loss: 0.829
i: 474, target: 2.099, output: 2.392, loss: 0.086
i: 475, target: 1.966, output: 2.695, loss: 0.531
i: 476, target: 5.985, output: 3.047, loss: 8.629
i: 477, target: 3.779, output: 4.633, loss: 0.729
i: 478, target: 7.503, output: 7.577, loss: 0.005
i: 479, target: 5.170, output: 0.932, loss: 17.967
i: 480, target: -0.192, output: 5.605, loss: 33.612
i: 481, target: 6.638, output: 4.476, loss: 4.673
i: 482, target: 6.587, output: 8.041, loss: 2.116
i: 483, target: 3.189, output: 6.288, loss: 9.600
i: 484, target: 0.970, output: 3.259, loss: 5.240
i: 485, target: 4.276, output: 4.248, loss: 0.001

i: 486, target: 4.308, output: 6.536, loss: 4.967
i: 487, target: 1.442, output: 2.625, loss: 1.399
i: 488, target: 4.719, output: 2.042, loss: 7.166
i: 489, target: 2.977, output: 0.793, loss: 4.769
i: 490, target: -0.578, output: 3.699, loss: 18.294
i: 491, target: 4.240, output: 4.910, loss: 0.449
i: 492, target: 6.406, output: 6.073, loss: 0.111
i: 493, target: 2.115, output: 4.412, loss: 5.278
i: 494, target: 2.016, output: 3.061, loss: 1.093
i: 495, target: 2.172, output: 1.745, loss: 0.182
i: 496, target: 2.493, output: 2.413, loss: 0.006
i: 497, target: 0.332, output: 2.829, loss: 6.232
i: 498, target: 1.371, output: 4.187, loss: 7.929
i: 499, target: -1.356, output: 1.970, loss: 11.062
i: 500, target: 5.290, output: 5.216, loss: 0.005
i: 501, target: 7.716, output: 6.175, loss: 2.374
i: 502, target: 2.346, output: 2.740, loss: 0.155
i: 503, target: 4.560, output: 4.153, loss: 0.166
i: 504, target: 5.859, output: 8.022, loss: 4.678
i: 505, target: 2.875, output: 2.626, loss: 0.062
i: 506, target: 5.815, output: 6.570, loss: 0.570
i: 507, target: 6.324, output: 5.137, loss: 1.409
i: 508, target: 0.877, output: 3.902, loss: 9.151
i: 509, target: 7.351, output: 7.377, loss: 0.001

i: 510, target: 2.584, output: 6.255, loss: 13.475
i: 511, target: 5.679, output: 2.695, loss: 8.904
i: 512, target: 2.414, output: 3.644, loss: 1.513
i: 513, target: -0.015, output: 5.880, loss: 34.754
i: 514, target: 4.573, output: 4.800, loss: 0.052
i: 515, target: -1.224, output: 1.354, loss: 6.646
i: 516, target: 1.526, output: 3.850, loss: 5.401
i: 517, target: 2.488, output: 5.553, loss: 9.396
i: 518, target: 5.260, output: 3.132, loss: 4.530
i: 519, target: 0.046, output: 0.997, loss: 0.904
i: 520, target: 6.324, output: 6.254, loss: 0.005
i: 521, target: 5.239, output: 3.693, loss: 2.391
i: 522, target: 3.093, output: 3.872, loss: 0.606
i: 523, target: 4.361, output: 3.915, loss: 0.199
i: 524, target: 6.197, output: 5.537, loss: 0.436
i: 525, target: 3.373, output: 4.150, loss: 0.605
i: 526, target: -0.127, output: 1.648, loss: 3.151
i: 527, target: 4.546, output: 7.094, loss: 6.493
i: 528, target: 7.095, output: 4.875, loss: 4.925
i: 529, target: 3.496, output: 6.218, loss: 7.410
i: 530, target: 2.362, output: 4.621, loss: 5.099
i: 531, target: 5.946, output: 6.199, loss: 0.064
i: 532, target: -1.121, output: 2.336, loss: 11.950
i: 533, target: 3.194, output: 4.558, loss: 1.859

i: 534, target: 4.043, output: 3.658, loss: 0.148
i: 535, target: 5.421, output: 7.375, loss: 3.819
i: 536, target: 2.768, output: -0.511, loss: 10.754
i: 537, target: 3.520, output: 7.673, loss: 17.252
i: 538, target: 2.249, output: 4.886, loss: 6.954
i: 539, target: 1.480, output: 4.040, loss: 6.556
i: 540, target: 1.666, output: 2.978, loss: 1.721
i: 541, target: 5.905, output: 5.651, loss: 0.065
i: 542, target: 5.865, output: 5.703, loss: 0.026
i: 543, target: 3.028, output: 2.695, loss: 0.111
i: 544, target: 4.556, output: 3.811, loss: 0.555
i: 545, target: 3.744, output: 3.175, loss: 0.323
i: 546, target: 6.248, output: 5.506, loss: 0.550
i: 547, target: 4.334, output: 4.935, loss: 0.362
i: 548, target: 4.858, output: 6.766, loss: 3.642
i: 549, target: 4.662, output: 9.177, loss: 20.389
i: 550, target: 3.385, output: 3.838, loss: 0.205
i: 551, target: 2.163, output: 2.222, loss: 0.004
i: 552, target: 8.515, output: 4.622, loss: 15.162
i: 553, target: 5.989, output: 2.965, loss: 9.146
i: 554, target: 8.302, output: 2.388, loss: 34.974
i: 555, target: 0.510, output: 5.997, loss: 30.108
i: 556, target: 5.791, output: 7.404, loss: 2.602
i: 557, target: 4.578, output: 1.709, loss: 8.232

i: 558, target: 2.449, output: 2.850, loss: 0.161
i: 559, target: 5.729, output: 5.475, loss: 0.064
i: 560, target: 4.750, output: 3.199, loss: 2.405
i: 561, target: 5.046, output: 1.777, loss: 10.687
i: 562, target: 4.796, output: 3.789, loss: 1.013
i: 563, target: 6.086, output: 4.533, loss: 2.412
i: 564, target: 6.039, output: 1.545, loss: 20.194
i: 565, target: 4.145, output: 1.347, loss: 7.830
i: 566, target: 6.264, output: 1.581, loss: 21.929
i: 567, target: 0.981, output: 6.988, loss: 36.087
i: 568, target: 5.806, output: 4.101, loss: 2.908
i: 569, target: 4.073, output: 3.549, loss: 0.275
i: 570, target: 5.370, output: 7.674, loss: 5.308
i: 571, target: 5.748, output: 6.222, loss: 0.224
i: 572, target: 8.099, output: 3.537, loss: 20.811
i: 573, target: 5.174, output: 4.211, loss: 0.927
i: 574, target: 8.641, output: 7.909, loss: 0.536
i: 575, target: 3.592, output: 1.994, loss: 2.551
i: 576, target: 0.741, output: 6.506, loss: 33.230
i: 577, target: 1.372, output: 1.401, loss: 0.001
i: 578, target: 6.612, output: 6.628, loss: 0.000
i: 579, target: 2.141, output: 2.056, loss: 0.007
i: 580, target: 4.907, output: 2.472, loss: 5.930
i: 581, target: 5.197, output: 3.152, loss: 4.180

i: 582, target: 3.126, output: 5.127, loss: 4.005
i: 583, target: 2.441, output: 5.131, loss: 7.240
i: 584, target: 4.320, output: 4.282, loss: 0.001
i: 585, target: 0.539, output: 3.106, loss: 6.590
i: 586, target: 9.105, output: 6.104, loss: 9.006
i: 587, target: 0.175, output: 1.020, loss: 0.714
i: 588, target: 5.889, output: 7.543, loss: 2.736
i: 589, target: 5.648, output: 4.173, loss: 2.176
i: 590, target: 8.662, output: 6.564, loss: 4.401
i: 591, target: 3.244, output: 6.063, loss: 7.945
i: 592, target: 3.633, output: 2.599, loss: 1.068
i: 593, target: 3.574, output: 3.811, loss: 0.056
i: 594, target: 3.722, output: 4.281, loss: 0.313
i: 595, target: 6.879, output: 3.830, loss: 9.299
i: 596, target: 4.769, output: 4.334, loss: 0.189
i: 597, target: 3.695, output: -0.291, loss: 15.888
i: 598, target: 5.796, output: 8.660, loss: 8.200
i: 599, target: 3.149, output: 2.846, loss: 0.092
i: 600, target: 7.338, output: 4.239, loss: 9.604
i: 601, target: 4.854, output: 3.247, loss: 2.583
i: 602, target: -0.296, output: 5.056, loss: 28.640
i: 603, target: 2.742, output: 1.790, loss: 0.905
i: 604, target: 4.557, output: 1.908, loss: 7.019
i: 605, target: 3.939, output: 5.121, loss: 1.396

i: 606, target: 5.814, output: 2.882, loss: 8.598
i: 607, target: 1.230, output: 2.125, loss: 0.800
i: 608, target: -0.060, output: 2.760, loss: 7.952
i: 609, target: 3.965, output: 3.362, loss: 0.363
i: 610, target: 4.168, output: 2.768, loss: 1.959
i: 611, target: 6.293, output: 5.320, loss: 0.947
i: 612, target: 9.673, output: 5.088, loss: 21.020
i: 613, target: 2.381, output: 2.080, loss: 0.091
i: 614, target: 9.757, output: 3.201, loss: 42.978
i: 615, target: 4.896, output: 2.339, loss: 6.539
i: 616, target: 0.495, output: 2.630, loss: 4.558
i: 617, target: 1.020, output: 0.664, loss: 0.127
i: 618, target: 1.705, output: 3.277, loss: 2.470
i: 619, target: 4.154, output: 2.743, loss: 1.991
i: 620, target: 1.961, output: 2.971, loss: 1.020
i: 621, target: 0.603, output: 1.590, loss: 0.973
i: 622, target: 2.904, output: 5.560, loss: 7.052
i: 623, target: 8.457, output: 4.874, loss: 12.836
i: 624, target: 4.537, output: 2.517, loss: 4.080
i: 625, target: 0.582, output: 3.191, loss: 6.806
i: 626, target: 4.131, output: 4.698, loss: 0.321
i: 627, target: 3.977, output: 3.143, loss: 0.697
i: 628, target: 2.997, output: 5.605, loss: 6.801
i: 629, target: 1.232, output: 3.304, loss: 4.293

i: 630, target: 0.788, output: 4.968, loss: 17.473
i: 631, target: 0.562, output: 3.774, loss: 10.313
i: 632, target: 5.625, output: 8.756, loss: 9.802
i: 633, target: 1.028, output: 1.102, loss: 0.005
i: 634, target: 3.592, output: 2.695, loss: 0.805
i: 635, target: 3.201, output: 4.346, loss: 1.311
i: 636, target: 4.328, output: 5.260, loss: 0.868
i: 637, target: 2.255, output: 1.160, loss: 1.200
i: 638, target: 3.039, output: 1.145, loss: 3.587
i: 639, target: 4.216, output: 3.673, loss: 0.296
i: 640, target: 0.275, output: 2.695, loss: 5.858
i: 641, target: 4.739, output: 1.607, loss: 9.807
i: 642, target: 4.248, output: 5.104, loss: 0.734
i: 643, target: 4.255, output: 4.093, loss: 0.026
i: 644, target: 3.130, output: 4.233, loss: 1.217
i: 645, target: 4.171, output: 6.613, loss: 5.963
i: 646, target: 5.957, output: 4.865, loss: 1.194
i: 647, target: 6.371, output: 4.656, loss: 2.943
i: 648, target: 6.614, output: 3.697, loss: 8.507
i: 649, target: 1.155, output: 2.200, loss: 1.092
i: 650, target: -0.762, output: 1.800, loss: 6.565
i: 651, target: 4.924, output: 4.691, loss: 0.055
i: 652, target: 5.834, output: 6.746, loss: 0.831
i: 653, target: 5.613, output: 1.832, loss: 14.293

i: 654, target: 6.507, output: 7.001, loss: 0.244
i: 655, target: 3.374, output: 5.532, loss: 4.656
i: 656, target: 7.423, output: 5.990, loss: 2.052
i: 657, target: 5.668, output: 3.801, loss: 3.487
i: 658, target: 7.776, output: 5.496, loss: 5.196
i: 659, target: 2.139, output: 3.739, loss: 2.559
i: 660, target: 6.976, output: 5.920, loss: 1.115
i: 661, target: -1.126, output: 2.603, loss: 13.903
i: 662, target: 4.050, output: 5.303, loss: 1.570
i: 663, target: 0.604, output: 5.726, loss: 26.227
i: 664, target: 8.790, output: 7.403, loss: 1.923
i: 665, target: 5.782, output: 2.749, loss: 9.198
i: 666, target: 6.312, output: 4.676, loss: 2.679
i: 667, target: 3.943, output: 1.745, loss: 4.833
i: 668, target: 6.555, output: 6.654, loss: 0.010
i: 669, target: 5.571, output: 5.208, loss: 0.132
i: 670, target: 7.297, output: 7.245, loss: 0.003
i: 671, target: 0.440, output: 5.024, loss: 21.007
i: 672, target: -1.061, output: 3.392, loss: 19.829
i: 673, target: 0.816, output: 6.096, loss: 27.885
i: 674, target: 4.433, output: 1.212, loss: 10.376
i: 675, target: 6.585, output: 0.739, loss: 34.172
i: 676, target: 6.254, output: 1.570, loss: 21.937
i: 677, target: 4.650, output: 1.581, loss: 9.419

i: 678, target: 7.416, output: 4.027, loss: 11.489
i: 679, target: 7.923, output: 7.573, loss: 0.123
i: 680, target: 0.309, output: 5.886, loss: 31.104
i: 681, target: 4.361, output: 4.922, loss: 0.316
i: 682, target: 2.173, output: 4.191, loss: 4.072
i: 683, target: 8.859, output: 5.454, loss: 11.590
i: 684, target: 0.472, output: 1.382, loss: 0.828
i: 685, target: 4.658, output: 6.281, loss: 2.633
i: 686, target: 3.168, output: 7.379, loss: 17.729
i: 687, target: 3.108, output: 5.069, loss: 3.846
i: 688, target: 3.380, output: 3.976, loss: 0.356
i: 689, target: 5.127, output: 7.384, loss: 5.096
i: 690, target: 2.547, output: 1.429, loss: 1.250
i: 691, target: 4.404, output: 11.664, loss: 52.700
i: 692, target: 4.108, output: 1.280, loss: 8.000
i: 693, target: 4.372, output: 5.008, loss: 0.405
i: 694, target: 6.292, output: 6.265, loss: 0.001
i: 695, target: 7.347, output: 6.001, loss: 1.812
i: 696, target: 6.563, output: 6.729, loss: 0.027
i: 697, target: 2.403, output: 1.557, loss: 0.715
i: 698, target: 4.240, output: 0.695, loss: 12.566
i: 699, target: -1.252, output: 3.109, loss: 19.019
i: 700, target: 3.972, output: 8.014, loss: 16.343
i: 701, target: 8.213, output: 5.379, loss: 8.029

i: 702, target: 3.253, output: 2.695, loss: 0.311
i: 703, target: 3.751, output: 3.062, loss: 0.474
i: 704, target: 4.179, output: 9.189, loss: 25.099
i: 705, target: 4.609, output: 7.308, loss: 7.285
i: 706, target: 4.515, output: 5.290, loss: 0.602
i: 707, target: 2.935, output: 3.915, loss: 0.959
i: 708, target: -0.538, output: 1.804, loss: 5.486
i: 709, target: 5.528, output: 5.426, loss: 0.010
i: 710, target: 3.691, output: 6.798, loss: 9.653
i: 711, target: 8.417, output: 5.760, loss: 7.058
i: 712, target: 3.822, output: 3.937, loss: 0.013
i: 713, target: 0.633, output: 5.733, loss: 26.011
i: 714, target: 2.207, output: 5.300, loss: 9.565
i: 715, target: 4.795, output: 1.818, loss: 8.862
i: 716, target: 2.465, output: 4.823, loss: 5.563
i: 717, target: 5.661, output: 3.626, loss: 4.141
i: 718, target: 5.627, output: 7.300, loss: 2.800
i: 719, target: 2.065, output: 5.337, loss: 10.706
i: 720, target: 5.319, output: 2.695, loss: 6.886
i: 721, target: 6.980, output: 7.516, loss: 0.288
i: 722, target: 0.851, output: 2.949, loss: 4.401
i: 723, target: 9.665, output: 4.722, loss: 24.435
i: 724, target: 1.874, output: 0.795, loss: 1.165
i: 725, target: 3.388, output: 1.226, loss: 4.675

i: 726, target: 1.840, output: 5.506, loss: 13.443
i: 727, target: 2.656, output: 5.783, loss: 9.776
i: 728, target: 6.791, output: 4.978, loss: 3.290
i: 729, target: 6.192, output: 2.374, loss: 14.573
i: 730, target: 2.671, output: 5.008, loss: 5.461
i: 731, target: 4.764, output: 1.544, loss: 10.369
i: 732, target: 5.775, output: 4.411, loss: 1.859
i: 733, target: 0.726, output: 2.529, loss: 3.250
i: 734, target: 2.837, output: 6.757, loss: 15.369
i: 735, target: 3.717, output: 6.055, loss: 5.467
i: 736, target: 8.518, output: 2.281, loss: 38.893
i: 737, target: 4.314, output: 7.423, loss: 9.667
i: 738, target: 3.678, output: 6.085, loss: 5.796
i: 739, target: 2.153, output: 3.967, loss: 3.291
i: 740, target: 3.531, output: 6.091, loss: 6.557
i: 741, target: 3.052, output: 6.248, loss: 10.218
i: 742, target: 9.867, output: 6.558, loss: 10.954
i: 743, target: 6.879, output: 7.259, loss: 0.144
i: 744, target: 3.582, output: 2.695, loss: 0.786
i: 745, target: 5.505, output: 7.497, loss: 3.966
i: 746, target: 5.725, output: 8.115, loss: 5.711
i: 747, target: 7.842, output: 5.611, loss: 4.981
i: 748, target: 4.624, output: 5.154, loss: 0.281
i: 749, target: 1.795, output: 4.108, loss: 5.347

i: 750, target: 1.353, output: 1.181, loss: 0.029
i: 751, target: 0.718, output: 2.573, loss: 3.441
i: 752, target: 7.945, output: 7.410, loss: 0.286
i: 753, target: 4.598, output: 2.013, loss: 6.684
i: 754, target: 8.089, output: 7.413, loss: 0.457
i: 755, target: 1.979, output: 1.744, loss: 0.055
i: 756, target: 5.269, output: 3.495, loss: 3.147
i: 757, target: 5.222, output: 6.306, loss: 1.175
i: 758, target: 5.181, output: 5.014, loss: 0.028
i: 759, target: 3.033, output: 3.969, loss: 0.876
i: 760, target: 2.349, output: 1.486, loss: 0.744
i: 761, target: 4.657, output: 2.734, loss: 3.697
i: 762, target: 4.594, output: 4.725, loss: 0.017
i: 763, target: 6.833, output: 3.055, loss: 14.273
i: 764, target: 3.210, output: 3.614, loss: 0.163
i: 765, target: 9.271, output: 7.442, loss: 3.344
i: 766, target: 1.922, output: 2.378, loss: 0.208
i: 767, target: 2.751, output: 1.591, loss: 1.346
i: 768, target: 6.762, output: 5.192, loss: 2.467
i: 769, target: 5.160, output: 3.555, loss: 2.577
i: 770, target: 5.479, output: 5.350, loss: 0.017
i: 771, target: 2.569, output: 2.236, loss: 0.111
i: 772, target: 6.110, output: 6.150, loss: 0.002
i: 773, target: 3.421, output: 5.522, loss: 4.414

i: 774, target: 7.842, output: 6.380, loss: 2.139
i: 775, target: 6.131, output: 3.847, loss: 5.217
i: 776, target: 5.275, output: 2.728, loss: 6.485
i: 777, target: 5.967, output: 2.740, loss: 10.414
i: 778, target: 6.834, output: 2.554, loss: 18.318
i: 779, target: 7.390, output: 7.302, loss: 0.008
i: 780, target: 0.108, output: 0.177, loss: 0.005
i: 781, target: 3.461, output: 4.797, loss: 1.785
i: 782, target: 5.378, output: 6.972, loss: 2.540
i: 783, target: 0.799, output: 3.834, loss: 9.212
i: 784, target: 8.583, output: 6.499, loss: 4.341
i: 785, target: 5.068, output: 8.985, loss: 15.347
i: 786, target: 2.662, output: 2.602, loss: 0.004
i: 787, target: -0.072, output: 1.890, loss: 3.850
i: 788, target: 1.839, output: 3.962, loss: 4.505
i: 789, target: 2.448, output: 6.437, loss: 15.912
i: 790, target: 1.941, output: 5.528, loss: 12.867
i: 791, target: 7.219, output: 3.373, loss: 14.793
i: 792, target: 3.356, output: 6.064, loss: 7.332
i: 793, target: 0.448, output: 2.218, loss: 3.131
i: 794, target: 5.284, output: 3.418, loss: 3.483
i: 795, target: 6.363, output: 6.965, loss: 0.362
i: 796, target: 7.155, output: 2.120, loss: 25.354
i: 797, target: 4.226, output: 2.173, loss: 4.217

i: 798, target: 6.051, output: 3.227, loss: 7.976
i: 799, target: 5.562, output: 2.666, loss: 8.390
i: 800, target: 9.563, output: 5.438, loss: 17.018
i: 801, target: 5.860, output: 5.745, loss: 0.013
i: 802, target: 3.335, output: 3.167, loss: 0.028
i: 803, target: 3.952, output: 4.818, loss: 0.750
i: 804, target: 8.297, output: 5.550, loss: 7.544
i: 805, target: 1.168, output: 2.252, loss: 1.174
i: 806, target: 6.368, output: 2.695, loss: 13.494
i: 807, target: 1.114, output: 1.984, loss: 0.756
i: 808, target: 3.408, output: 4.928, loss: 2.309
i: 809, target: 7.389, output: 5.550, loss: 3.384
i: 810, target: 7.195, output: 5.100, loss: 4.387
i: 811, target: 3.012, output: 4.766, loss: 3.075
i: 812, target: 9.289, output: 4.210, loss: 25.794
i: 813, target: 0.285, output: 2.109, loss: 3.329
i: 814, target: -0.810, output: 3.225, loss: 16.282
i: 815, target: 4.325, output: 3.179, loss: 1.315
i: 816, target: 1.305, output: 7.220, loss: 34.981
i: 817, target: 0.634, output: 3.410, loss: 7.709
i: 818, target: 6.552, output: 5.642, loss: 0.828
i: 819, target: 2.506, output: 1.565, loss: 0.886
i: 820, target: 3.528, output: 4.875, loss: 1.816
i: 821, target: 6.029, output: 3.219, loss: 7.899

i: 822, target: 3.415, output: 5.887, loss: 6.111
i: 823, target: 4.653, output: 4.561, loss: 0.009
i: 824, target: 6.392, output: 2.845, loss: 12.579
i: 825, target: 2.030, output: 2.040, loss: 0.000
i: 826, target: 3.740, output: 4.909, loss: 1.365
i: 827, target: 4.442, output: 5.183, loss: 0.550
i: 828, target: 6.445, output: 4.793, loss: 2.729
i: 829, target: 6.925, output: 4.210, loss: 7.373
i: 830, target: 6.271, output: 6.179, loss: 0.008
i: 831, target: 4.461, output: 4.439, loss: 0.000
i: 832, target: 0.330, output: 2.695, loss: 5.594
i: 833, target: 3.960, output: 2.695, loss: 1.600
i: 834, target: 0.357, output: 4.096, loss: 13.981
i: 835, target: -0.245, output: 2.647, loss: 8.360
i: 836, target: 5.842, output: 6.954, loss: 1.236
i: 837, target: 4.122, output: 5.302, loss: 1.393
i: 838, target: 6.079, output: 5.835, loss: 0.059
i: 839, target: 3.328, output: 7.314, loss: 15.891
i: 840, target: 7.347, output: 7.550, loss: 0.041
i: 841, target: 5.203, output: 3.923, loss: 1.639
i: 842, target: 5.236, output: 3.609, loss: 2.646
i: 843, target: 2.042, output: 0.627, loss: 2.003
i: 844, target: 2.614, output: 2.214, loss: 0.160
i: 845, target: 2.068, output: 3.585, loss: 2.303

i: 846, target: 1.538, output: 2.660, loss: 1.259
i: 847, target: 6.256, output: 6.004, loss: 0.064
i: 848, target: 5.219, output: 1.732, loss: 12.158
i: 849, target: 3.706, output: 3.209, loss: 0.247
i: 850, target: 2.275, output: 7.163, loss: 23.898
i: 851, target: 4.906, output: 4.375, loss: 0.281
i: 852, target: 2.486, output: 3.587, loss: 1.213
i: 853, target: 1.932, output: 4.368, loss: 5.934
i: 854, target: 6.579, output: 3.195, loss: 11.447
i: 855, target: 3.498, output: 4.484, loss: 0.971
i: 856, target: 2.574, output: 4.913, loss: 5.475
i: 857, target: 3.093, output: 0.980, loss: 4.466
i: 858, target: 5.137, output: 4.506, loss: 0.399
i: 859, target: 0.581, output: 4.149, loss: 12.728
i: 860, target: 8.005, output: 8.434, loss: 0.184
i: 861, target: 5.073, output: 7.739, loss: 7.107
i: 862, target: 4.869, output: 4.417, loss: 0.204
i: 863, target: 6.328, output: 4.767, loss: 2.438
i: 864, target: 6.087, output: 3.460, loss: 6.901
i: 865, target: 9.693, output: 5.778, loss: 15.327
i: 866, target: 0.629, output: 2.787, loss: 4.657
i: 867, target: 7.634, output: 2.136, loss: 30.234
i: 868, target: 3.305, output: 3.523, loss: 0.048
i: 869, target: 3.294, output: 4.202, loss: 0.824

i: 870, target: 3.997, output: 2.976, loss: 1.043
i: 871, target: 7.031, output: 8.310, loss: 1.636
i: 872, target: 9.385, output: 4.220, loss: 26.675
i: 873, target: 7.088, output: 5.810, loss: 1.632
i: 874, target: 5.563, output: 5.977, loss: 0.172
i: 875, target: 8.188, output: 5.759, loss: 5.898
i: 876, target: 4.293, output: 5.055, loss: 0.582
i: 877, target: 7.924, output: 5.480, loss: 5.976
i: 878, target: 6.442, output: 4.631, loss: 3.279
i: 879, target: 5.606, output: 6.615, loss: 1.018
i: 880, target: 3.710, output: 0.816, loss: 8.372
i: 881, target: 9.312, output: 8.063, loss: 1.560
i: 882, target: 2.114, output: 3.387, loss: 1.621
i: 883, target: 8.107, output: 6.507, loss: 2.559
i: 884, target: 5.110, output: 1.453, loss: 13.373
i: 885, target: 7.614, output: 4.927, loss: 7.219
i: 886, target: 6.507, output: 4.126, loss: 5.672
i: 887, target: 6.881, output: 3.216, loss: 13.436
i: 888, target: 3.130, output: 2.748, loss: 0.146
i: 889, target: 5.005, output: 2.498, loss: 6.289
i: 890, target: 2.901, output: 2.353, loss: 0.300
i: 891, target: 6.942, output: 7.552, loss: 0.372
i: 892, target: 1.403, output: 4.528, loss: 9.769
i: 893, target: 5.821, output: 2.695, loss: 9.772

i: 894, target: 6.786, output: 1.484, loss: 28.110
i: 895, target: 4.616, output: 2.422, loss: 4.816
i: 896, target: 8.189, output: 5.357, loss: 8.020
i: 897, target: 1.283, output: 2.278, loss: 0.989
i: 898, target: 2.865, output: 3.943, loss: 1.161
i: 899, target: 3.547, output: 3.718, loss: 0.029
i: 900, target: 5.583, output: 4.100, loss: 2.199
i: 901, target: 4.156, output: 5.566, loss: 1.987
i: 902, target: 1.072, output: 4.820, loss: 14.047
i: 903, target: 2.436, output: 3.222, loss: 0.618
i: 904, target: 5.524, output: 3.520, loss: 4.013
i: 905, target: 1.517, output: 3.525, loss: 4.030
i: 906, target: 3.733, output: 3.329, loss: 0.163
i: 907, target: 2.296, output: 4.453, loss: 4.654
i: 908, target: 7.885, output: 7.118, loss: 0.588
i: 909, target: 7.442, output: 4.230, loss: 10.318
i: 910, target: 5.271, output: 2.990, loss: 5.205
i: 911, target: 3.549, output: 2.575, loss: 0.949
i: 912, target: 3.066, output: 2.437, loss: 0.396
i: 913, target: 8.370, output: 5.119, loss: 10.568
i: 914, target: 2.093, output: 2.758, loss: 0.442
i: 915, target: 3.984, output: 5.188, loss: 1.449
i: 916, target: 2.952, output: 1.999, loss: 0.907
i: 917, target: 5.318, output: 3.116, loss: 4.847

i: 918, target: 8.771, output: 9.501, loss: 0.533
i: 919, target: 4.818, output: 5.916, loss: 1.204
i: 920, target: 3.319, output: 5.138, loss: 3.312
i: 921, target: 3.961, output: 2.929, loss: 1.066
i: 922, target: 6.280, output: 4.694, loss: 2.517
i: 923, target: 0.846, output: 3.603, loss: 7.601
i: 924, target: 3.476, output: 4.412, loss: 0.876
i: 925, target: 9.417, output: 5.823, loss: 12.913
i: 926, target: 8.994, output: 6.758, loss: 5.000
i: 927, target: 1.957, output: 1.852, loss: 0.011
i: 928, target: 2.918, output: 5.024, loss: 4.434
i: 929, target: 1.487, output: 1.647, loss: 0.026
i: 930, target: 2.852, output: 6.491, loss: 13.242
i: 931, target: 5.381, output: 1.810, loss: 12.749
i: 932, target: 3.253, output: 5.646, loss: 5.730
i: 933, target: 1.344, output: 3.499, loss: 4.643
i: 934, target: 2.000, output: 5.582, loss: 12.827
i: 935, target: 7.672, output: 5.074, loss: 6.748
i: 936, target: 5.288, output: 6.519, loss: 1.514
i: 937, target: 3.989, output: 3.227, loss: 0.580
i: 938, target: 5.908, output: 5.871, loss: 0.001
i: 939, target: 1.620, output: 2.897, loss: 1.631
i: 940, target: 6.787, output: 6.485, loss: 0.091
i: 941, target: 5.828, output: 3.048, loss: 7.724

i: 942, target: 3.039, output: 5.040, loss: 4.001
i: 943, target: 3.328, output: 4.341, loss: 1.026
i: 944, target: 0.163, output: 2.604, loss: 5.955
i: 945, target: 5.340, output: 6.926, loss: 2.518
i: 946, target: 4.167, output: 5.607, loss: 2.072
i: 947, target: -0.183, output: 2.888, loss: 9.430
i: 948, target: 1.568, output: 4.239, loss: 7.132
i: 949, target: 5.875, output: 4.456, loss: 2.013
i: 950, target: 8.864, output: 6.552, loss: 5.343
i: 951, target: 5.443, output: 4.190, loss: 1.570
i: 952, target: 1.757, output: 5.834, loss: 16.625
i: 953, target: 4.866, output: 4.934, loss: 0.005
i: 954, target: 2.333, output: 1.858, loss: 0.226
i: 955, target: 5.005, output: 3.862, loss: 1.307
i: 956, target: 9.669, output: 8.640, loss: 1.060
i: 957, target: 6.392, output: 3.466, loss: 8.567
i: 958, target: 6.854, output: 7.127, loss: 0.075
i: 959, target: 6.587, output: 4.182, loss: 5.783
i: 960, target: 0.929, output: 1.462, loss: 0.284
i: 961, target: 8.714, output: 5.835, loss: 8.291
i: 962, target: 2.583, output: 4.658, loss: 4.308
i: 963, target: 9.698, output: 7.114, loss: 6.675
i: 964, target: 3.004, output: 2.508, loss: 0.246
i: 965, target: 3.470, output: 1.443, loss: 4.109

i: 966, target: 0.052, output: 4.714, loss: 21.727
i: 967, target: 6.448, output: 1.633, loss: 23.179
i: 968, target: 8.146, output: 6.747, loss: 1.957
i: 969, target: 3.991, output: 0.988, loss: 9.017
i: 970, target: 1.991, output: 2.695, loss: 0.495
i: 971, target: 6.624, output: 4.805, loss: 3.309
i: 972, target: 1.542, output: 5.604, loss: 16.506
i: 973, target: 6.823, output: 5.021, loss: 3.248
i: 974, target: 4.975, output: 6.450, loss: 2.174
i: 975, target: 3.424, output: 2.695, loss: 0.531
i: 976, target: 0.663, output: 1.308, loss: 0.417
i: 977, target: 9.242, output: 6.975, loss: 5.138
i: 978, target: 5.563, output: 4.697, loss: 0.749
i: 979, target: 5.759, output: 4.259, loss: 2.250
i: 980, target: 6.198, output: 1.878, loss: 18.664
i: 981, target: 2.183, output: 3.364, loss: 1.396
i: 982, target: 8.973, output: 4.807, loss: 17.358
i: 983, target: 4.343, output: 7.554, loss: 10.311
i: 984, target: 2.646, output: 3.743, loss: 1.203
i: 985, target: 1.814, output: 3.288, loss: 2.172
i: 986, target: 2.799, output: 0.792, loss: 4.025
i: 987, target: 4.613, output: 1.777, loss: 8.038
i: 988, target: 7.140, output: 6.732, loss: 0.167
i: 989, target: 6.132, output: 2.397, loss: 13.949

i: 990, target: 7.601, output: 4.785, loss: 7.931
i: 991, target: 5.369, output: 5.552, loss: 0.034
i: 992, target: 3.909, output: 5.773, loss: 3.474
i: 993, target: -0.864, output: 1.391, loss: 5.088
i: 994, target: 1.066, output: 4.877, loss: 14.521
i: 995, target: 2.426, output: 6.672, loss: 18.032
i: 996, target: 9.403, output: 5.917, loss: 12.150
i: 997, target: 7.523, output: 5.591, loss: 3.732
i: 998, target: 8.456, output: 3.815, loss: 21.541
i: 999, target: 5.559, output: 1.971, loss: 12.874
Average loss: 6.021