1. Importing Libraries

```python
# importing libraries

import numpy as np
import matplotlib.pyplot as plt
import os
import random
from tqdm import tqdm # for progress bar

# Libraries for TensorFlow
from tensorflow.keras.utils import to_categorical, plot_model
from tensorflow.keras.preprocessing import image
from tensorflow.keras import models, layers
from tensorflow import keras

# Library for Transfer Learning
from tensorflow.keras.applications import VGG16
from keras.applications.vgg16 import preprocess_input

print("Importing libraries completed.")
```

```
Importing libraries completed.
```

2. Data Gethering

```python
# Loading dataset from keras

(xtrain,ytrain),(xtest,ytest)= keras.datasets.mnist.load_data()
```

```
Downloading data from https://storage.googleapis.com/tensorflow/tf-
keras-datasets/mnist.npz
11490434/11490434 [==============================] - 0s 0us/step
```

```python
# Verifying dataset

print(xtrain.shape)
print(ytrain.shape)
print(xtest.shape)
print(ytest.shape)
print(ytrain)
```

```
(60000, 28, 28)
(60000,)
(10000, 28, 28)
(10000,)
[5 0 4 ... 5 6 8]
```

2.1 Processing data to make it compitable with VGG16

```python
# Convert the images into 3 channels as MNIST images are Black and
White so have 1 channel

xtrain=np.dstack([xtrain] * 3)
xtest=np.dstack([xtest]*3)
xtrain.shape,xtest.shape
```

```
((60000, 28, 84), (10000, 28, 84))
```

```python
# Reshape images as per the tensor format required by tensorflow

xtrain = xtrain.reshape(-1, 28,28,3)
xtest= xtest.reshape (-1,28,28,3)
xtrain.shape,xtest.shape
```

```
((60000, 28, 28, 3), (10000, 28, 28, 3))
```

```python
# Resize the images 48*48 as required by VGG16

from tensorflow.keras.utils import img_to_array, array_to_img

xtrain = np.asarray([img_to_array(array_to_img(im,
scale=False).resize((48,48))) for im in xtrain])
xtest = np.asarray([img_to_array(array_to_img(im,
scale=False).resize((48,48))) for im in xtest])
#train_x = preprocess_input(x)
xtrain.shape, xtest.shape
```

```
((60000, 48, 48, 3), (10000, 48, 48, 3))
```

```python
# # listing the folders containing images

# preparing array that can be used later

class_names=['Zero', 'One', 'Two', 'Three', 'Four', 'Five', 'Six',
'Seven', 'Eight', 'Nine']
print(class_names)

val_class_names =['Zero', 'One', 'Two', 'Three', 'Four', 'Five',
'Six', 'Seven', 'Eight', 'Nine']
print(val_class_names)

test_class_names=['Zero', 'One', 'Two', 'Three', 'Four', 'Five',
'Six', 'Seven', 'Eight', 'Nine']
print(test_class_names)

# Function to know the name of the element

def Get_Element_Name(argument):
```

```python
    switcher = {
        0: "Zero",
        1: "One",
        2: "Two",
        3: "Three",
        4: "Four",
        5: "Five",
        6: "Six",
        7: "Seven",
        8: "Eight",
        9: "Nine",
    }
    return switcher.get(argument, "Invalid")

print(Get_Element_Name(0))
```

```
['Zero', 'One', 'Two', 'Three', 'Four', 'Five', 'Six', 'Seven',
'Eight', 'Nine']
['Zero', 'One', 'Two', 'Three', 'Four', 'Five', 'Six', 'Seven',
'Eight', 'Nine']
['Zero', 'One', 'Two', 'Three', 'Four', 'Five', 'Six', 'Seven',
'Eight', 'Nine']
Zero
```

3. Preparing Data

```python
# Preparing data

x=[] # to store array value of the images
x=xtrain
y=[] # to store the labels of the images
y=ytrain

test_images=[]
test_images=xtest
test_images_Original=[]
test_images_Original=xtest
test_image_label=[] # to store the labels of the images
test_image_label=ytest

val_images=[]
val_images=xtest
val_images_Original=[]
val_images_Original=xtest
val_image_label=[] # to store the labels of the images
val_image_label=ytest # to store the labels of the images

print("Preparing Dataset Completed.")
```

```
Preparing Dataset Completed.
```

4. Verification of Data

```python
# Verifying the output

# Training Dataset
print("Training Dataset")

x=np.array(x) # Converting to np arrary to pass to the model
print(x.shape)

y=to_categorical(y) # onehot encoding of the labels
# print(y)
print(y.shape)

# Test Dataset
print("Test Dataset")

test_images=np.array(test_images)
print(test_images.shape)

test_image_label=to_categorical(test_image_label) # onehot encoding of
the labels)
print(test_image_label.shape)

# Validation Dataset
print("Validation Dataset")

val_images=np.array(val_images)
print(val_images.shape)

val_image_label=to_categorical(val_image_label) # onehot encoding of
the labels)
print(val_image_label.shape)

Training Dataset
(60000, 48, 48, 3)
(60000, 10)
Test Dataset
(10000, 48, 48, 3)
(10000, 10)
Validation Dataset
(10000, 48, 48, 3)
(10000, 10)
```

5. Building a Model: Using Transfer Learning

```python
# Check properties of the model that we are going to use for Transfer
Learning
```

```python
print("Summary of default VGG16 model.\n")

# we are using VGG16 for transfer learnin here. So we have imported it
from tensorflow.keras.applications import VGG16

# initializing model with weights='imagenet'i.e. we are carring its
original weights
model_vgg16=VGG16(weights='imagenet')

# display the summary to see the properties of the model
model_vgg16.summary()
```

Summary of default VGG16 model.

Downloading data from https://storage.googleapis.com/tensorflow/keras-applications/vgg16/vgg16_weights_tf_dim_ordering_tf_kernels.h5
553467096/553467096 [==============================] - 7s 0us/step
Model: "vgg16"

Layer (type)	Output Shape	Param #
input_1 (InputLayer)	[(None, 224, 224, 3)]	0
block1_conv1 (Conv2D)	(None, 224, 224, 64)	1792
block1_conv2 (Conv2D)	(None, 224, 224, 64)	36928
block1_pool (MaxPooling2D)	(None, 112, 112, 64)	0
block2_conv1 (Conv2D)	(None, 112, 112, 128)	73856
block2_conv2 (Conv2D)	(None, 112, 112, 128)	147584
block2_pool (MaxPooling2D)	(None, 56, 56, 128)	0
block3_conv1 (Conv2D)	(None, 56, 56, 256)	295168
block3_conv2 (Conv2D)	(None, 56, 56, 256)	590080
block3_conv3 (Conv2D)	(None, 56, 56, 256)	590080
block3_pool (MaxPooling2D)	(None, 28, 28, 256)	0
block4_conv1 (Conv2D)	(None, 28, 28, 512)	1180160
block4_conv2 (Conv2D)	(None, 28, 28, 512)	2359808
block4_conv3 (Conv2D)	(None, 28, 28, 512)	2359808
block4_pool (MaxPooling2D)	(None, 14, 14, 512)	0

```
block5_conv1 (Conv2D)         (None, 14, 14, 512)        2359808

block5_conv2 (Conv2D)         (None, 14, 14, 512)        2359808

block5_conv3 (Conv2D)         (None, 14, 14, 512)        2359808

block5_pool (MaxPooling2D)    (None, 7, 7, 512)          0

flatten (Flatten)             (None, 25088)              0

fc1 (Dense)                   (None, 4096)               102764544

fc2 (Dense)                   (None, 4096)               16781312

predictions (Dense)           (None, 1000)               4097000

=================================================================
Total params: 138,357,544
Trainable params: 138,357,544
Non-trainable params: 0
```
_____

Observations:

1. We want to carry weights as it was in original model, so we are carring weights = 'imagenet'
2. The very first layer is input layer which accept image size = (224, 224, 3). Our image size are different, so we need to change the parameter - image_size in the first layer. Our size will be: (224,224, 3)
3. We want to change the last layer as we have 10 class classificatoin problem. So, we will not include top layer
4. Also, we will not train all the layers except the last one as we will have to train that. So, we will set properties for trainable = False excet for the top i.e. last layer.

```python
# Modelling WITH Transfer Learning

# Here we will prepare model as per our requirements

print("Summary of Custom VGG16 model.\n")
print("1) We setup input layer and 2) We removed top (last) layer. \
n")

# let us prepare our input_layer to pass our image size. default is
(224,224,3). we will change it to (224,224,3)
input_layer=layers.Input(shape=(48,48,3))

# initialize the transfer model VGG16 with appropriate properties per
our need.
# we are passing paramers as following
```

```python
# 1) weights='imagenet' - Using this we are carring weights as of
original weights.
# 2) input_tensor to pass the VGG16 using input_tensor
# 3) we want to change the last layer so we are not including top
layer
model_vgg16=VGG16(weights='imagenet',input_tensor=input_layer,include_top=False)

# See the summary of the model with our properties.
model_vgg16.summary()
```

Summary of Custom VGG16 model.

1) We setup input layer and 2) We removed top (last) layer.

Downloading data from https://storage.googleapis.com/tensorflow/keras-applications/vgg16/vgg16_weights_tf_dim_ordering_tf_kernels_notop.h5
58889256/58889256 [==============================] - 0s 0us/step
Model: "vgg16"

Layer (type)	Output Shape	Param #
input_2 (InputLayer)	[(None, 48, 48, 3)]	0
block1_conv1 (Conv2D)	(None, 48, 48, 64)	1792
block1_conv2 (Conv2D)	(None, 48, 48, 64)	36928
block1_pool (MaxPooling2D)	(None, 24, 24, 64)	0
block2_conv1 (Conv2D)	(None, 24, 24, 128)	73856
block2_conv2 (Conv2D)	(None, 24, 24, 128)	147584
block2_pool (MaxPooling2D)	(None, 12, 12, 128)	0
block3_conv1 (Conv2D)	(None, 12, 12, 256)	295168
block3_conv2 (Conv2D)	(None, 12, 12, 256)	590080
block3_conv3 (Conv2D)	(None, 12, 12, 256)	590080
block3_pool (MaxPooling2D)	(None, 6, 6, 256)	0
block4_conv1 (Conv2D)	(None, 6, 6, 512)	1180160
block4_conv2 (Conv2D)	(None, 6, 6, 512)	2359808
block4_conv3 (Conv2D)	(None, 6, 6, 512)	2359808

```
block4_pool (MaxPooling2D)   (None, 3, 3, 512)          0

block5_conv1 (Conv2D)        (None, 3, 3, 512)          2359808

block5_conv2 (Conv2D)        (None, 3, 3, 512)          2359808

block5_conv3 (Conv2D)        (None, 3, 3, 512)          2359808

block5_pool (MaxPooling2D)   (None, 1, 1, 512)          0

=================================================================
Total params: 14,714,688
Trainable params: 14,714,688
Non-trainable params: 0
```
_____

Observation:

1. The first layer is having image size = (224,224,3) now as we defined.
2. Also, see the folloiwng 2 top (last) layers which were there in original VGG16 are now not the part of our customized layer because we set include_top=False:

block5_pool (MaxPooling2D) (None, 7, 7, 512) 0
_____ flatten (Flatten) (None, 25088) 0
_____ fc1 (Dense) (None, 4096)
102764544 _____ fc2 (Dense) (None, 4096) 16781312 _____ predictions (Dense) (None, 1000) 4097000

```python
# access the current last layer of the model and add flatten and dense
after it

print("Summary of Custom VGG16 model.\n")
print("1) We flatten the last layer and added 1 Dense layer and 1
output layer.\n")

last_layer=model_vgg16.output # we are taking last layer of the model

# Add flatten layer: we are extending Neural Network by adding flattn
layer
flatten=layers.Flatten()(last_layer)

# Add dense layer
dense1=layers.Dense(100,activation='relu')(flatten)
dense1=layers.Dense(100,activation='relu')(flatten)
dense1=layers.Dense(100,activation='relu')(flatten)


# Add dense layer to the final output layer
output_layer=layers.Dense(10,activation='softmax')(flatten)
```

```python
# Creating modle with input and output layer
model=models.Model(inputs=input_layer,outputs=output_layer)

# Summarize the model
model.summary()
```

Summary of Custom VGG16 model.

1) We flatten the last layer and added 1 Dense layer and 1 output layer.

Model: "model"

Layer (type)	Output Shape	Param #
input_2 (InputLayer)	[(None, 48, 48, 3)]	0
block1_conv1 (Conv2D)	(None, 48, 48, 64)	1792
block1_conv2 (Conv2D)	(None, 48, 48, 64)	36928
block1_pool (MaxPooling2D)	(None, 24, 24, 64)	0
block2_conv1 (Conv2D)	(None, 24, 24, 128)	73856
block2_conv2 (Conv2D)	(None, 24, 24, 128)	147584
block2_pool (MaxPooling2D)	(None, 12, 12, 128)	0
block3_conv1 (Conv2D)	(None, 12, 12, 256)	295168
block3_conv2 (Conv2D)	(None, 12, 12, 256)	590080
block3_conv3 (Conv2D)	(None, 12, 12, 256)	590080
block3_pool (MaxPooling2D)	(None, 6, 6, 256)	0
block4_conv1 (Conv2D)	(None, 6, 6, 512)	1180160
block4_conv2 (Conv2D)	(None, 6, 6, 512)	2359808
block4_conv3 (Conv2D)	(None, 6, 6, 512)	2359808
block4_pool (MaxPooling2D)	(None, 3, 3, 512)	0
block5_conv1 (Conv2D)	(None, 3, 3, 512)	2359808
block5_conv2 (Conv2D)	(None, 3, 3, 512)	2359808

```
block5_conv3 (Conv2D)        (None, 3, 3, 512)        2359808

block5_pool (MaxPooling2D)   (None, 1, 1, 512)        0

flatten (Flatten)            (None, 512)              0

dense_3 (Dense)              (None, 10)               5130

=================================================================
Total params: 14,719,818
Trainable params: 14,719,818
Non-trainable params: 0

_____
```

```python
# we will freez all the layers except the last layer

# we are making all the layers intrainable except the last layer
print("We are making all the layers intrainable except the last layer.
\n")
for layer in model.layers[:-1]:
    layer.trainable=False
model.summary()
```

We are making all the layers intrainable except the last layer.

Model: "model"

```
_____
 Layer (type)                Output Shape             Param #
=================================================================
 input_2 (InputLayer)        [(None, 48, 48, 3)]      0

 block1_conv1 (Conv2D)       (None, 48, 48, 64)       1792

 block1_conv2 (Conv2D)       (None, 48, 48, 64)       36928

 block1_pool (MaxPooling2D)  (None, 24, 24, 64)       0

 block2_conv1 (Conv2D)       (None, 24, 24, 128)      73856

 block2_conv2 (Conv2D)       (None, 24, 24, 128)      147584

 block2_pool (MaxPooling2D)  (None, 12, 12, 128)      0

 block3_conv1 (Conv2D)       (None, 12, 12, 256)      295168

 block3_conv2 (Conv2D)       (None, 12, 12, 256)      590080

 block3_conv3 (Conv2D)       (None, 12, 12, 256)      590080

 block3_pool (MaxPooling2D)  (None, 6, 6, 256)        0
```

```
  block4_conv1 (Conv2D)         (None, 6, 6, 512)            1180160

  block4_conv2 (Conv2D)         (None, 6, 6, 512)            2359808

  block4_conv3 (Conv2D)         (None, 6, 6, 512)            2359808

  block4_pool (MaxPooling2D)    (None, 3, 3, 512)            0

  block5_conv1 (Conv2D)         (None, 3, 3, 512)            2359808

  block5_conv2 (Conv2D)         (None, 3, 3, 512)            2359808

  block5_conv3 (Conv2D)         (None, 3, 3, 512)            2359808

  block5_pool (MaxPooling2D)    (None, 1, 1, 512)            0

  flatten (Flatten)             (None, 512)                  0

  dense_3 (Dense)               (None, 10)                   5130

=================================================================
Total params: 14,719,818
Trainable params: 5,130
Non-trainable params: 14,714,688
_____
```

```python
# Train the Model

from sklearn.model_selection import train_test_split
xtrain, xtest, ytrain, ytest =
train_test_split(x,y,test_size=0.2,random_state=5)
# print(xtrain)
# print(xtest)
# print(ytrain)
# print(ytest)

print("Splitting data for train and test completed.")
```

Splitting data for train and test completed.

```python
# Compiling Model

model.compile(loss='categorical_crossentropy',
optimizer='adam',metrics=['accuracy'])

print("Model compilation completed.")
model.summary()
```

Model compilation completed.
Model: "model"

Layer (type)	Output Shape	Param #
input_2 (InputLayer)	[(None, 48, 48, 3)]	0
block1_conv1 (Conv2D)	(None, 48, 48, 64)	1792
block1_conv2 (Conv2D)	(None, 48, 48, 64)	36928
block1_pool (MaxPooling2D)	(None, 24, 24, 64)	0
block2_conv1 (Conv2D)	(None, 24, 24, 128)	73856
block2_conv2 (Conv2D)	(None, 24, 24, 128)	147584
block2_pool (MaxPooling2D)	(None, 12, 12, 128)	0
block3_conv1 (Conv2D)	(None, 12, 12, 256)	295168
block3_conv2 (Conv2D)	(None, 12, 12, 256)	590080
block3_conv3 (Conv2D)	(None, 12, 12, 256)	590080
block3_pool (MaxPooling2D)	(None, 6, 6, 256)	0
block4_conv1 (Conv2D)	(None, 6, 6, 512)	1180160
block4_conv2 (Conv2D)	(None, 6, 6, 512)	2359808
block4_conv3 (Conv2D)	(None, 6, 6, 512)	2359808
block4_pool (MaxPooling2D)	(None, 3, 3, 512)	0
block5_conv1 (Conv2D)	(None, 3, 3, 512)	2359808
block5_conv2 (Conv2D)	(None, 3, 3, 512)	2359808
block5_conv3 (Conv2D)	(None, 3, 3, 512)	2359808
block5_pool (MaxPooling2D)	(None, 1, 1, 512)	0
flatten (Flatten)	(None, 512)	0
dense_3 (Dense)	(None, 10)	5130

Total params: 14,719,818
Trainable params: 5,130
Non-trainable params: 14,714,688

```python
# Fit the Model

# xtrain2=xtrain.reshape(60000,48,48,3)
# xtest2=xtest.reshape(10000,48,48,3)

history =
model.fit(xtrain,ytrain,epochs=20,batch_size=128,verbose=True,validati
on_data=(xtest,ytest))

print("Fitting the model completed.")
```

```
Epoch 1/20
375/375 [==============================] - 28s 46ms/step - loss:
2.0445 - accuracy: 0.7294 - val_loss: 0.6353 - val_accuracy: 0.8598
Epoch 2/20
375/375 [==============================] - 17s 45ms/step - loss:
0.4910 - accuracy: 0.8791 - val_loss: 0.4079 - val_accuracy: 0.8935
Epoch 3/20
375/375 [==============================] - 15s 40ms/step - loss:
0.3533 - accuracy: 0.9028 - val_loss: 0.3277 - val_accuracy: 0.9085
Epoch 4/20
375/375 [==============================] - 17s 46ms/step - loss:
0.2971 - accuracy: 0.9139 - val_loss: 0.2929 - val_accuracy: 0.9144
Epoch 5/20
375/375 [==============================] - 14s 38ms/step - loss:
0.2684 - accuracy: 0.9202 - val_loss: 0.3009 - val_accuracy: 0.9118
Epoch 6/20
375/375 [==============================] - 14s 38ms/step - loss:
0.2535 - accuracy: 0.9229 - val_loss: 0.2736 - val_accuracy: 0.9186
Epoch 7/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2434 - accuracy: 0.9241 - val_loss: 0.2877 - val_accuracy: 0.9140
Epoch 8/20
375/375 [==============================] - 17s 45ms/step - loss:
0.2411 - accuracy: 0.9255 - val_loss: 0.2943 - val_accuracy: 0.9112
Epoch 9/20
375/375 [==============================] - 17s 45ms/step - loss:
0.2323 - accuracy: 0.9267 - val_loss: 0.2641 - val_accuracy: 0.9212
Epoch 10/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2309 - accuracy: 0.9270 - val_loss: 0.2562 - val_accuracy: 0.9247
Epoch 11/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2292 - accuracy: 0.9288 - val_loss: 0.2726 - val_accuracy: 0.9208
Epoch 12/20
375/375 [==============================] - 17s 45ms/step - loss:
0.2314 - accuracy: 0.9276 - val_loss: 0.2689 - val_accuracy: 0.9190
Epoch 13/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2277 - accuracy: 0.9281 - val_loss: 0.2623 - val_accuracy: 0.9251
```

```
Epoch 14/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2227 - accuracy: 0.9300 - val_loss: 0.2630 - val_accuracy: 0.9239
Epoch 15/20
375/375 [==============================] - 17s 45ms/step - loss:
0.2260 - accuracy: 0.9286 - val_loss: 0.2725 - val_accuracy: 0.9185
Epoch 16/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2235 - accuracy: 0.9306 - val_loss: 0.2798 - val_accuracy: 0.9178
Epoch 17/20
375/375 [==============================] - 14s 39ms/step - loss:
0.2233 - accuracy: 0.9300 - val_loss: 0.2680 - val_accuracy: 0.9228
Epoch 18/20
375/375 [==============================] - 15s 39ms/step - loss:
0.2249 - accuracy: 0.9287 - val_loss: 0.2851 - val_accuracy: 0.9182
Epoch 19/20
375/375 [==============================] - 17s 45ms/step - loss:
0.2234 - accuracy: 0.9296 - val_loss: 0.2790 - val_accuracy: 0.9213
Epoch 20/20
375/375 [==============================] - 17s 45ms/step - loss:
0.2226 - accuracy: 0.9299 - val_loss: 0.2744 - val_accuracy: 0.9233
Fitting the model completed.
```

6. Model Evaluation

```python
# This function helps to predict individual image supplied to it

# Function 1

def predict(img_name):
    img=image.load_img(img_name,target_size=(48,48))
    img=image.img_to_array(img)
    plt.imshow(img.astype('int32'))
    plt.show()
    img=preprocess_input(img)

    prediction=model.predict(img.reshape(1,48,48,3))
    output=np.argmax(prediction)

    print(class_names[output] + ": " +
Get_Element_Name(class_names[output]))


# Function 2

# This function plots the image supplied in array
def plot_image(i, predictions_array, true_label, img): # taking index
and 3 arrays viz. prediction array, true label array and image array
```

```python
    predictions_array, true_label, img = predictions_array[i],
true_label[i], img[i]

    plt.grid(False)
    plt.xticks([])
    plt.yticks([])

    plt.imshow(img.astype('int32'))

    predicted_label=np.argmax(predictions_array)
    true_label=np.argmax(true_label)

    if predicted_label == true_label: #setting up label color
        color='green' # correct then blue colour
    else:
        color='red' # wrong then red colour

    plt.xlabel("{} {:2.0f}% \n
({})".format(Get_Element_Name(predicted_label),

100*np.max(predictions_array), Get_Element_Name(true_label),
                                        color=color,
horizontalalignment='left'))


#      plt.xlabel("{} {:2.0f}%
({})".format(val_class_names[predicted_label],
#
100*np.max(predictions_array), val_class_names[true_label]),
#                                         color=color)


# Function 3

# This function plots bar chart supplied in the array data
def plot_value_array(i, predictions_array, true_label): # taking index
along with predictions and true label array
    predictions_array, true_label = predictions_array[i],
true_label[i]
    plt.grid(False)
    plt.xticks([])
    plt.yticks([])
    predicted_label=np.argmax(predictions_array)
    true_label=np.argmax(true_label)

    if predicted_label == 0:
        predicted_label=1
    if true_label == 0:
        true_label=1
```

```
        thisplot=plt.bar(range(10), predicted_label, color='seashell')
        plt.ylim([0,1])

        thisplot[predicted_label].set_color('red')
        thisplot[true_label].set_color('green')
```

7. Predictions

```python
# Preparing prediction arrary
predictions=[]

for img in tqdm(val_images):
    img=img.reshape(1,48,48,3)
    predictions.append(model.predict(img))
```

```
   0%|              | 0/10000 [00:00<?, ?it/s]

1/1 [==============================] - 1s 526ms/step

   0%|              | 1/10000 [00:00<1:36:35,  1.73it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

   0%|              | 3/10000 [00:00<32:14,  5.17it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   0%|              | 5/10000 [00:00<20:17,  8.21it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 18ms/step

   0%|              | 7/10000 [00:00<15:25, 10.80it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 26ms/step

   0%|              | 9/10000 [00:01<13:30, 12.33it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

   0%|              | 11/10000 [00:01<12:40, 13.13it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   0%|              | 13/10000 [00:01<11:29, 14.49it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  0%|              | 15/10000 [00:01<10:48, 15.40it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  0%|              | 17/10000 [00:01<10:12, 16.29it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  0%|              | 19/10000 [00:01<10:06, 16.46it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  0%|              | 21/10000 [00:01<09:46, 17.03it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 18ms/step

  0%|              | 23/10000 [00:01<09:52, 16.83it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 18ms/step

  0%|              | 25/10000 [00:01<09:29, 17.51it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 36ms/step

  0%|              | 27/10000 [00:02<09:50, 16.90it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  0%|              | 29/10000 [00:02<10:02, 16.56it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  0%|              | 31/10000 [00:02<09:36, 17.29it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  0%|              | 33/10000 [00:02<09:25, 17.62it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  0%|              | 35/10000 [00:02<09:12, 18.03it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   0%|              | 37/10000 [00:02<09:23, 17.70it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 23ms/step

   0%|              | 39/10000 [00:02<09:30, 17.45it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   0%|              | 41/10000 [00:02<09:21, 17.74it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

   0%|              | 43/10000 [00:02<09:25, 17.62it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 25ms/step

   0%|              | 45/10000 [00:03<09:30, 17.44it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   0%|              | 47/10000 [00:03<09:30, 17.45it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   0%|              | 49/10000 [00:03<09:38, 17.20it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   1%|              | 51/10000 [00:03<09:44, 17.03it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 17ms/step

   1%|              | 53/10000 [00:03<09:27, 17.52it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

   1%|              | 55/10000 [00:03<09:34, 17.32it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

   1%|              | 57/10000 [00:03<09:28, 17.50it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 59/10000 [00:03<09:26, 17.54it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  1%|              | 61/10000 [00:04<09:26, 17.55it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 63/10000 [00:04<09:43, 17.04it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 65/10000 [00:04<09:42, 17.06it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 67/10000 [00:04<09:35, 17.27it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 69/10000 [00:04<09:21, 17.68it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 71/10000 [00:04<09:15, 17.89it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 73/10000 [00:04<09:38, 17.17it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 17ms/step

  1%|              | 75/10000 [00:04<09:27, 17.49it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 77/10000 [00:04<09:19, 17.75it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 79/10000 [00:05<09:15, 17.87it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 26ms/step

  1%|              | 81/10000 [00:05<09:56, 16.63it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 83/10000 [00:05<09:54, 16.68it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 85/10000 [00:05<09:40, 17.07it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 87/10000 [00:05<09:26, 17.51it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 89/10000 [00:05<09:19, 17.70it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 91/10000 [00:05<09:32, 17.30it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 93/10000 [00:05<09:38, 17.13it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 95/10000 [00:05<09:47, 16.86it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 97/10000 [00:06<09:38, 17.11it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 99/10000 [00:06<10:06, 16.31it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  1%|              | 101/10000 [00:06<09:56, 16.60it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 103/10000 [00:06<09:47, 16.86it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  1%|              | 105/10000 [00:06<09:33, 17.24it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 107/10000 [00:06<09:27, 17.45it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 109/10000 [00:06<09:54, 16.64it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  1%|              | 111/10000 [00:06<09:38, 17.09it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  1%|              | 113/10000 [00:07<09:49, 16.78it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  1%|              | 115/10000 [00:07<09:48, 16.79it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

  1%|              | 117/10000 [00:07<10:06, 16.31it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 29ms/step

  1%|              | 119/10000 [00:07<10:35, 15.56it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step

  1%|              | 121/10000 [00:07<11:40, 14.10it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

  1%|              | 123/10000 [00:07<12:11, 13.51it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

   1%||              | 125/10000 [00:07<13:01, 12.64it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

   1%||              | 127/10000 [00:08<13:18, 12.37it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

   1%||              | 129/10000 [00:08<14:00, 11.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

   1%||              | 131/10000 [00:08<13:42, 12.00it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

   1%||              | 133/10000 [00:08<13:25, 12.25it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

   1%||              | 135/10000 [00:08<14:20, 11.46it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

   1%||              | 137/10000 [00:09<13:57, 11.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

   1%||              | 139/10000 [00:09<13:47, 11.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

   1%||              | 141/10000 [00:09<13:49, 11.88it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

   1%||              | 143/10000 [00:09<13:42, 11.99it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 21ms/step

   1%||              | 145/10000 [00:09<14:09, 11.61it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  1%||               | 147/10000 [00:09<12:59, 12.64it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  1%||               | 149/10000 [00:09<11:57, 13.74it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 24ms/step

  2%||               | 151/10000 [00:10<11:14, 14.61it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  2%||               | 153/10000 [00:10<10:48, 15.18it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  2%||               | 155/10000 [00:10<10:33, 15.55it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  2%||               | 157/10000 [00:10<10:17, 15.93it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  2%||               | 159/10000 [00:10<10:06, 16.24it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  2%||               | 161/10000 [00:10<09:56, 16.50it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  2%||               | 163/10000 [00:10<09:51, 16.64it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

  2%||               | 165/10000 [00:10<09:48, 16.72it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  2%||               | 167/10000 [00:10<09:43, 16.86it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   2%||               | 169/10000 [00:11<09:34, 17.12it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   2%||               | 171/10000 [00:11<09:58, 16.43it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   2%||               | 173/10000 [00:11<10:19, 15.87it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   2%||               | 175/10000 [00:11<10:30, 15.59it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

   2%||               | 177/10000 [00:11<10:09, 16.12it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   2%||               | 179/10000 [00:11<09:55, 16.50it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

   2%||               | 181/10000 [00:11<10:23, 15.75it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   2%||               | 183/10000 [00:11<10:08, 16.12it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   2%||               | 185/10000 [00:12<09:51, 16.59it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   2%||               | 187/10000 [00:12<09:46, 16.73it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

   2%||               | 189/10000 [00:12<09:54, 16.51it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

   2%||              | 191/10000 [00:12<09:44, 16.78it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   2%||              | 193/10000 [00:12<09:29, 17.23it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 195/10000 [00:12<09:26, 17.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 197/10000 [00:12<09:47, 16.68it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

   2%||              | 199/10000 [00:12<10:20, 15.79it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 201/10000 [00:13<10:22, 15.75it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   2%||              | 203/10000 [00:13<10:01, 16.28it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 23ms/step

   2%||              | 205/10000 [00:13<09:50, 16.58it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 22ms/step

   2%||              | 207/10000 [00:13<09:56, 16.42it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   2%||              | 209/10000 [00:13<09:46, 16.68it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 211/10000 [00:13<09:40, 16.87it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  2%||              | 213/10000 [00:13<09:26, 17.29it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  2%||              | 215/10000 [00:13<09:41, 16.83it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  2%||              | 217/10000 [00:14<16:45,  9.73it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step

  2%||              | 219/10000 [00:14<14:56, 10.92it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 24ms/step

  2%||              | 221/10000 [00:14<13:27, 12.11it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  2%||              | 223/10000 [00:14<12:38, 12.89it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  2%||              | 225/10000 [00:14<12:08, 13.41it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  2%||              | 227/10000 [00:14<11:27, 14.21it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  2%||              | 229/10000 [00:15<10:58, 14.84it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step

  2%||              | 231/10000 [00:15<10:50, 15.01it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  2%||              | 233/10000 [00:15<10:21, 15.70it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 235/10000 [00:15<10:27, 15.56it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 25ms/step

   2%||              | 237/10000 [00:15<10:29, 15.51it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 239/10000 [00:15<10:12, 15.94it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   2%||              | 241/10000 [00:15<10:06, 16.09it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 243/10000 [00:15<10:03, 16.17it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   2%||              | 245/10000 [00:16<09:58, 16.30it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

   2%||              | 247/10000 [00:16<10:08, 16.04it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   2%||              | 249/10000 [00:16<09:51, 16.50it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   3%||              | 251/10000 [00:16<09:56, 16.36it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   3%||              | 253/10000 [00:16<09:46, 16.62it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

   3%||              | 255/10000 [00:16<09:47, 16.59it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌             | 257/10000 [00:16<09:34, 16.95it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  3%|▌             | 259/10000 [00:16<09:29, 17.10it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  3%|▌             | 261/10000 [00:17<09:48, 16.56it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  3%|▌             | 263/10000 [00:17<09:41, 16.74it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  3%|▌             | 265/10000 [00:17<09:38, 16.84it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌             | 267/10000 [00:17<09:30, 17.05it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

  3%|▌             | 269/10000 [00:17<09:47, 16.57it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

  3%|▌             | 271/10000 [00:17<09:54, 16.36it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌             | 273/10000 [00:17<09:39, 16.78it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌             | 275/10000 [00:17<09:33, 16.97it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  3%|▌             | 277/10000 [00:17<09:35, 16.90it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  3%|▌                | 279/10000 [00:18<09:39, 16.76it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌                | 281/10000 [00:18<10:00, 16.19it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 22ms/step

  3%|▌                | 283/10000 [00:18<10:02, 16.12it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 18ms/step

  3%|▌                | 285/10000 [00:18<09:57, 16.27it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  3%|▌                | 287/10000 [00:18<09:55, 16.31it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌                | 289/10000 [00:18<09:40, 16.72it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  3%|▌                | 291/10000 [00:18<09:47, 16.52it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  3%|▌                | 293/10000 [00:18<09:39, 16.76it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌                | 295/10000 [00:19<09:44, 16.61it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  3%|▌                | 297/10000 [00:19<09:56, 16.27it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  3%|▌                | 299/10000 [00:19<09:52, 16.38it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 25ms/step

  3%|▌                   | 301/10000 [00:19<09:54, 16.31it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  3%|▌                   | 303/10000 [00:19<09:43, 16.61it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step

  3%|▌                   | 305/10000 [00:19<09:55, 16.27it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  3%|▌                   | 307/10000 [00:19<10:50, 14.91it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 27ms/step

  3%|▌                   | 309/10000 [00:20<12:08, 13.31it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  3%|▌                   | 311/10000 [00:20<12:24, 13.02it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  3%|▌                   | 313/10000 [00:20<12:37, 12.79it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step

  3%|▌                   | 315/10000 [00:20<13:13, 12.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  3%|▌                   | 317/10000 [00:20<13:02, 12.37it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  3%|▌                   | 319/10000 [00:20<12:48, 12.59it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step

  3%|▌                   | 321/10000 [00:21<13:03, 12.36it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

   3%|█           | 323/10000 [00:21<13:28, 11.98it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

   3%|█           | 325/10000 [00:21<13:38, 11.83it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

   3%|█           | 327/10000 [00:21<13:45, 11.72it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

   3%|█           | 329/10000 [00:21<14:01, 11.50it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

   3%|█           | 331/10000 [00:21<14:27, 11.15it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 21ms/step

   3%|█           | 333/10000 [00:22<13:55, 11.57it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   3%|█           | 335/10000 [00:22<12:31, 12.87it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   3%|█           | 337/10000 [00:22<11:47, 13.66it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

   3%|█           | 339/10000 [00:22<11:10, 14.42it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   3%|█           | 341/10000 [00:22<10:59, 14.64it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 31ms/step

   3%|█           | 343/10000 [00:22<11:19, 14.21it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   3%|▍                   | 345/10000 [00:22<10:41, 15.05it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   3%|▍                   | 347/10000 [00:22<10:30, 15.32it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

   3%|▍                   | 349/10000 [00:23<10:25, 15.44it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▍                   | 351/10000 [00:23<10:16, 15.65it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

   4%|▍                   | 353/10000 [00:23<09:58, 16.11it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   4%|▍                   | 355/10000 [00:23<10:00, 16.07it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

   4%|▍                   | 357/10000 [00:23<09:53, 16.24it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   4%|▍                   | 359/10000 [00:23<09:56, 16.16it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

   4%|▍                   | 361/10000 [00:23<09:56, 16.15it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   4%|▍                   | 363/10000 [00:23<09:57, 16.12it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▍                   | 365/10000 [00:24<09:46, 16.42it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▌         | 367/10000 [00:24<09:55, 16.18it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▌         | 369/10000 [00:24<09:46, 16.41it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▌         | 371/10000 [00:24<09:38, 16.65it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   4%|▌         | 373/10000 [00:24<09:25, 17.03it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

   4%|▌         | 375/10000 [00:24<09:55, 16.17it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▌         | 377/10000 [00:24<09:54, 16.18it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   4%|▌         | 379/10000 [00:24<09:48, 16.35it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   4%|▌         | 381/10000 [00:25<09:47, 16.36it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   4%|▌         | 383/10000 [00:25<09:45, 16.41it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 29ms/step

   4%|▌         | 385/10000 [00:25<10:04, 15.91it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

   4%|▌         | 387/10000 [00:25<10:06, 15.85it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  4%|▌                | 389/10000 [00:25<10:09, 15.77it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▌                | 391/10000 [00:25<10:23, 15.40it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 23ms/step

  4%|▌                | 393/10000 [00:25<10:11, 15.70it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  4%|▌                | 395/10000 [00:25<10:01, 15.97it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  4%|▌                | 397/10000 [00:26<09:49, 16.28it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 25ms/step

  4%|▌                | 399/10000 [00:26<09:38, 16.59it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  4%|▌                | 401/10000 [00:26<09:32, 16.77it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▌                | 403/10000 [00:26<09:35, 16.69it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  4%|▌                | 405/10000 [00:26<09:51, 16.23it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  4%|▌                | 407/10000 [00:26<09:41, 16.49it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▌                | 409/10000 [00:26<09:52, 16.19it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

   4%|█              | 411/10000 [00:26<09:56, 16.08it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

   4%|█              | 413/10000 [00:27<10:04, 15.86it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

   4%|█              | 415/10000 [00:27<09:50, 16.22it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   4%|█              | 417/10000 [00:27<09:39, 16.53it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

   4%|█              | 419/10000 [00:27<09:51, 16.20it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   4%|█              | 421/10000 [00:27<09:52, 16.17it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   4%|█              | 423/10000 [00:27<09:51, 16.19it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

   4%|█              | 425/10000 [00:27<10:01, 15.92it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   4%|█              | 427/10000 [00:27<10:01, 15.92it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   4%|█              | 429/10000 [00:28<09:56, 16.05it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   4%|█              | 431/10000 [00:28<09:57, 16.03it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▊          | 433/10000 [00:28<09:49, 16.22it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  4%|▊          | 435/10000 [00:28<09:38, 16.54it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▊          | 437/10000 [00:28<09:39, 16.49it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  4%|▊          | 439/10000 [00:28<10:00, 15.91it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▊          | 441/10000 [00:28<10:09, 15.68it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  4%|▊          | 443/10000 [00:28<10:10, 15.66it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▊          | 445/10000 [00:29<09:56, 16.02it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  4%|▊          | 447/10000 [00:29<09:50, 16.18it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  4%|▊          | 449/10000 [00:29<09:51, 16.14it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  5%|▊          | 451/10000 [00:29<09:39, 16.47it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  5%|▊          | 453/10000 [00:29<09:48, 16.21it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

  5%|█          | 455/10000 [00:29<09:38, 16.50it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  5%|█          | 457/10000 [00:29<09:58, 15.94it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

  5%|█          | 459/10000 [00:29<09:53, 16.08it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  5%|█          | 461/10000 [00:29<09:45, 16.30it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  5%|█          | 463/10000 [00:30<09:38, 16.49it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 24ms/step

  5%|█          | 465/10000 [00:30<10:13, 15.54it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  5%|█          | 467/10000 [00:30<10:07, 15.69it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  5%|█          | 469/10000 [00:30<09:54, 16.04it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 28ms/step

  5%|█          | 471/10000 [00:30<09:59, 15.89it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  5%|█          | 473/10000 [00:30<09:49, 16.17it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  5%|█          | 475/10000 [00:30<09:51, 16.10it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  5%|▌              | 477/10000 [00:30<09:54, 16.02it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  5%|▌              | 479/10000 [00:31<10:05, 15.72it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 17ms/step

  5%|▌              | 481/10000 [00:31<10:04, 15.75it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  5%|▌              | 483/10000 [00:31<09:58, 15.91it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  5%|▌              | 485/10000 [00:31<10:02, 15.79it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  5%|▌              | 487/10000 [00:31<10:03, 15.77it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  5%|▌              | 489/10000 [00:31<09:57, 15.92it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  5%|▌              | 491/10000 [00:31<09:44, 16.26it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  5%|▌              | 493/10000 [00:32<09:55, 15.97it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 30ms/step

  5%|▌              | 495/10000 [00:32<10:52, 14.56it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 40ms/step

  5%|▌              | 497/10000 [00:32<12:09, 13.03it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  5%|█            | 499/10000 [00:32<12:25, 12.75it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  5%|█            | 501/10000 [00:32<12:36, 12.55it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 29ms/step

  5%|█            | 503/10000 [00:32<13:02, 12.14it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  5%|█            | 505/10000 [00:33<13:02, 12.14it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

  5%|█            | 507/10000 [00:33<13:00, 12.16it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 36ms/step

  5%|█            | 509/10000 [00:33<13:11, 11.99it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  5%|█            | 511/10000 [00:33<13:39, 11.58it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  5%|█            | 513/10000 [00:33<13:48, 11.45it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

  5%|█            | 515/10000 [00:33<13:32, 11.68it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

  5%|█            | 517/10000 [00:34<13:39, 11.57it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  5%|█            | 519/10000 [00:34<13:48, 11.44it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

   5%|█              | 521/10000 [00:34<13:51, 11.40it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

   5%|█              | 523/10000 [00:34<12:49, 12.32it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 19ms/step

   5%|█              | 525/10000 [00:34<12:09, 12.99it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   5%|█              | 527/10000 [00:34<11:32, 13.68it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   5%|█              | 529/10000 [00:34<11:01, 14.33it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 17ms/step

   5%|█              | 531/10000 [00:35<10:31, 14.99it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

   5%|█              | 533/10000 [00:35<10:13, 15.43it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   5%|█              | 535/10000 [00:35<09:58, 15.82it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

   5%|█              | 537/10000 [00:35<09:50, 16.02it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   5%|█              | 539/10000 [00:35<09:51, 16.00it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 19ms/step

   5%|█              | 541/10000 [00:35<09:51, 15.99it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

    5%|█              | 543/10000 [00:35<09:46, 16.13it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

    5%|█              | 545/10000 [00:35<10:00, 15.75it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

    5%|█              | 547/10000 [00:36<09:51, 15.97it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

    5%|█              | 549/10000 [00:36<09:51, 15.99it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

    6%|█              | 551/10000 [00:36<09:40, 16.27it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

    6%|█              | 553/10000 [00:36<09:45, 16.13it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

    6%|█              | 555/10000 [00:36<09:56, 15.82it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

    6%|█              | 557/10000 [00:36<10:04, 15.63it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

    6%|█              | 559/10000 [00:36<10:03, 15.63it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

    6%|█              | 561/10000 [00:36<10:03, 15.63it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

    6%|█              | 563/10000 [00:37<10:06, 15.56it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

   6%|█              | 565/10000 [00:37<09:57, 15.78it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 23ms/step

   6%|█              | 567/10000 [00:37<09:53, 15.90it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   6%|█              | 569/10000 [00:37<09:38, 16.31it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█              | 571/10000 [00:37<09:31, 16.49it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

   6%|█              | 573/10000 [00:37<09:47, 16.05it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

   6%|█              | 575/10000 [00:37<09:55, 15.82it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

   6%|█              | 577/10000 [00:37<09:55, 15.82it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█              | 579/10000 [00:38<09:47, 16.04it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   6%|█              | 581/10000 [00:38<09:56, 15.78it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█              | 583/10000 [00:38<09:56, 15.80it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█              | 585/10000 [00:38<09:46, 16.05it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  6%|█                   | 587/10000 [00:38<09:42, 16.17it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  6%|█                   | 589/10000 [00:38<09:26, 16.61it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  6%|█                   | 591/10000 [00:38<09:30, 16.50it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  6%|█                   | 593/10000 [00:38<09:40, 16.22it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  6%|█                   | 595/10000 [00:39<09:43, 16.12it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

  6%|█                   | 597/10000 [00:39<09:47, 16.01it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  6%|█                   | 599/10000 [00:39<09:40, 16.19it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  6%|█                   | 601/10000 [00:39<10:04, 15.54it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  6%|█                   | 603/10000 [00:39<09:49, 15.94it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  6%|█                   | 605/10000 [00:39<09:56, 15.75it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 17ms/step

  6%|█                   | 607/10000 [00:39<09:45, 16.03it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

   6%|█                | 609/10000 [00:39<09:57, 15.71it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█                | 611/10000 [00:40<10:04, 15.54it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█                | 613/10000 [00:40<09:43, 16.10it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

   6%|█                | 615/10000 [00:40<09:56, 15.73it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█                | 617/10000 [00:40<09:45, 16.02it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█                | 619/10000 [00:40<09:42, 16.10it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 24ms/step

   6%|█                | 621/10000 [00:40<09:51, 15.86it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 17ms/step

   6%|█                | 623/10000 [00:40<10:05, 15.49it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   6%|█                | 625/10000 [00:40<09:43, 16.06it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█                | 627/10000 [00:41<10:01, 15.59it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█                | 629/10000 [00:41<09:46, 15.97it/s]
```

```
1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 17ms/step

   6%|█               | 631/10000 [00:41<09:39, 16.16it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█               | 633/10000 [00:41<09:30, 16.43it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█               | 635/10000 [00:41<09:43, 16.06it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█               | 637/10000 [00:41<09:36, 16.23it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

   6%|█               | 639/10000 [00:41<09:41, 16.10it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█               | 641/10000 [00:41<09:40, 16.12it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

   6%|█               | 643/10000 [00:42<09:49, 15.87it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   6%|█               | 645/10000 [00:42<09:45, 15.97it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█               | 647/10000 [00:42<09:34, 16.27it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   6%|█               | 649/10000 [00:42<09:44, 15.99it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

   7%|█               | 651/10000 [00:42<09:33, 16.30it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step

  7%|█              | 653/10000 [00:42<09:38, 16.15it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 24ms/step

  7%|█              | 655/10000 [00:42<09:42, 16.05it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  7%|█              | 657/10000 [00:42<09:40, 16.09it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 17ms/step

  7%|█              | 659/10000 [00:43<09:46, 15.94it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  7%|█              | 661/10000 [00:43<09:47, 15.89it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  7%|█              | 663/10000 [00:43<09:51, 15.79it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  7%|█              | 665/10000 [00:43<09:53, 15.72it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  7%|█              | 667/10000 [00:43<09:48, 15.86it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 24ms/step

  7%|█              | 669/10000 [00:43<09:55, 15.67it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

  7%|█              | 671/10000 [00:43<10:03, 15.45it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 25ms/step

  7%|█              | 673/10000 [00:43<09:50, 15.80it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  7%|█           | 675/10000 [00:44<10:08, 15.32it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 17ms/step

  7%|█           | 677/10000 [00:44<10:05, 15.41it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 20ms/step

  7%|█           | 679/10000 [00:44<09:57, 15.60it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  7%|█           | 681/10000 [00:44<09:43, 15.97it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  7%|█           | 683/10000 [00:44<10:41, 14.52it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 27ms/step

  7%|█           | 685/10000 [00:44<11:33, 13.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  7%|█           | 687/10000 [00:44<12:13, 12.70it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step

  7%|█           | 689/10000 [00:45<12:51, 12.07it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  7%|█           | 691/10000 [00:45<12:55, 12.01it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  7%|█           | 693/10000 [00:45<12:59, 11.94it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

  7%|█           | 695/10000 [00:45<13:09, 11.79it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  7%|█              | 697/10000 [00:45<13:10, 11.77it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

  7%|█              | 699/10000 [00:46<13:18, 11.65it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  7%|█              | 701/10000 [00:46<13:20, 11.62it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

  7%|█              | 703/10000 [00:46<13:21, 11.60it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

  7%|█              | 705/10000 [00:46<13:31, 11.45it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  7%|█              | 707/10000 [00:46<13:21, 11.60it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

  7%|█              | 709/10000 [00:46<12:58, 11.93it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 19ms/step

  7%|█              | 711/10000 [00:47<12:48, 12.09it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 21ms/step

  7%|█              | 713/10000 [00:47<11:55, 12.98it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  7%|█              | 715/10000 [00:47<11:34, 13.36it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  7%|█              | 717/10000 [00:47<10:55, 14.16it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   7%|█            | 719/10000 [00:47<10:35, 14.61it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   7%|█            | 721/10000 [00:47<10:13, 15.13it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   7%|█            | 723/10000 [00:47<10:34, 14.62it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   7%|█            | 725/10000 [00:47<10:12, 15.13it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

   7%|█            | 727/10000 [00:48<10:03, 15.37it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

   7%|█            | 729/10000 [00:48<09:56, 15.54it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   7%|█            | 731/10000 [00:48<09:44, 15.85it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   7%|█            | 733/10000 [00:48<09:50, 15.69it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   7%|█            | 735/10000 [00:48<09:59, 15.44it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 17ms/step

   7%|█            | 737/10000 [00:48<09:30, 16.24it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

   7%|█            | 739/10000 [00:48<09:23, 16.43it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  7%|█              | 741/10000 [00:48<09:37, 16.02it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  7%|█              | 743/10000 [00:49<09:38, 15.99it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 17ms/step

  7%|█              | 745/10000 [00:49<09:23, 16.42it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  7%|█              | 747/10000 [00:49<09:25, 16.35it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  7%|█              | 749/10000 [00:49<09:23, 16.40it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█              | 751/10000 [00:49<09:50, 15.67it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█              | 753/10000 [00:49<09:52, 15.62it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  8%|█              | 755/10000 [00:49<09:44, 15.82it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█              | 757/10000 [00:49<09:41, 15.90it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 22ms/step

  8%|█              | 759/10000 [00:50<10:18, 14.95it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█              | 761/10000 [00:50<09:59, 15.41it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 24ms/step

   8%|█              | 763/10000 [00:50<10:19, 14.91it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 765/10000 [00:50<09:54, 15.54it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 767/10000 [00:50<09:56, 15.47it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   8%|█              | 769/10000 [00:50<09:55, 15.51it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

   8%|█              | 771/10000 [00:50<09:53, 15.56it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 773/10000 [00:50<09:39, 15.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 775/10000 [00:51<09:44, 15.78it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 24ms/step

   8%|█              | 777/10000 [00:51<10:03, 15.27it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 779/10000 [00:51<09:59, 15.38it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 781/10000 [00:51<09:48, 15.66it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   8%|█              | 783/10000 [00:51<09:37, 15.97it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█              | 785/10000 [00:51<09:48, 15.65it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  8%|█              | 787/10000 [00:51<09:44, 15.76it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  8%|█              | 789/10000 [00:52<09:38, 15.93it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 25ms/step

  8%|█              | 791/10000 [00:52<09:50, 15.61it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█              | 793/10000 [00:52<09:46, 15.69it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█              | 795/10000 [00:52<09:48, 15.64it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█              | 797/10000 [00:52<09:54, 15.49it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 23ms/step

  8%|█              | 799/10000 [00:52<09:42, 15.79it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█              | 801/10000 [00:52<09:34, 16.00it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  8%|█              | 803/10000 [00:52<09:53, 15.49it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█              | 805/10000 [00:53<09:46, 15.68it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  8%|█                | 807/10000 [00:53<09:52, 15.51it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  8%|█                | 809/10000 [00:53<09:45, 15.69it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█                | 811/10000 [00:53<09:44, 15.73it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█                | 813/10000 [00:53<09:49, 15.60it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█                | 815/10000 [00:53<09:49, 15.59it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

  8%|█                | 817/10000 [00:53<09:49, 15.58it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█                | 819/10000 [00:53<09:44, 15.70it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  8%|█                | 821/10000 [00:54<09:44, 15.69it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  8%|█                | 823/10000 [00:54<10:06, 15.13it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  8%|█                | 825/10000 [00:54<09:44, 15.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 19ms/step

  8%|█                | 827/10000 [00:54<10:10, 15.04it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 829/10000 [00:54<09:46, 15.63it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 831/10000 [00:54<10:14, 14.91it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 833/10000 [00:54<10:03, 15.19it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 835/10000 [00:54<09:51, 15.50it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 837/10000 [00:55<09:53, 15.44it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   8%|█              | 839/10000 [00:55<09:56, 15.35it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 25ms/step

   8%|█              | 841/10000 [00:55<09:55, 15.37it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 843/10000 [00:55<10:01, 15.22it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

   8%|█              | 845/10000 [00:55<10:03, 15.17it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 847/10000 [00:55<09:40, 15.76it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   8%|█              | 849/10000 [00:55<09:48, 15.56it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

   9%|█              | 851/10000 [00:56<09:52, 15.43it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

   9%|█              | 853/10000 [00:56<09:53, 15.41it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 855/10000 [00:56<10:01, 15.20it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

   9%|█              | 857/10000 [00:56<09:59, 15.26it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 859/10000 [00:56<09:59, 15.24it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 861/10000 [00:56<09:50, 15.48it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 17ms/step

   9%|█              | 863/10000 [00:56<09:42, 15.68it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 865/10000 [00:56<09:38, 15.79it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step

   9%|█              | 867/10000 [00:57<10:10, 14.95it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 34ms/step

   9%|█              | 869/10000 [00:57<11:08, 13.67it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 39ms/step

   9%|█              | 871/10000 [00:57<12:06, 12.57it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

   9%|█              | 873/10000 [00:57<12:26, 12.23it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

   9%|█              | 875/10000 [00:57<13:20, 11.41it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

   9%|█              | 877/10000 [00:57<13:18, 11.43it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

   9%|█              | 879/10000 [00:58<12:51, 11.82it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

   9%|█              | 881/10000 [00:58<13:04, 11.62it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

   9%|█              | 883/10000 [00:58<13:23, 11.34it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step

   9%|█              | 885/10000 [00:58<13:40, 11.10it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

   9%|█              | 887/10000 [00:58<13:35, 11.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

   9%|█              | 889/10000 [00:59<13:08, 11.55it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

   9%|█              | 891/10000 [00:59<13:19, 11.39it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step

   9%|█              | 893/10000 [00:59<13:30, 11.24it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 29ms/step

   9%|█              | 895/10000 [00:59<13:45, 11.04it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

   9%|█              | 897/10000 [00:59<12:33, 12.08it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

   9%|█              | 899/10000 [00:59<11:40, 13.00it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

   9%|█              | 901/10000 [00:59<11:16, 13.45it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 903/10000 [01:00<10:47, 14.06it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 905/10000 [01:00<10:17, 14.72it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 907/10000 [01:00<10:06, 15.00it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

   9%|█              | 909/10000 [01:00<09:55, 15.26it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 911/10000 [01:00<09:55, 15.27it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 913/10000 [01:00<09:58, 15.17it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 17ms/step

   9%|█              | 915/10000 [01:00<09:47, 15.48it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 917/10000 [01:00<09:37, 15.73it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 919/10000 [01:01<09:38, 15.70it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

   9%|█              | 921/10000 [01:01<09:56, 15.22it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 923/10000 [01:01<09:51, 15.34it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 925/10000 [01:01<09:56, 15.21it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

   9%|█              | 927/10000 [01:01<09:50, 15.38it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

   9%|█              | 929/10000 [01:01<09:55, 15.24it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 931/10000 [01:01<09:42, 15.57it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 25ms/step

   9%|█              | 933/10000 [01:02<09:51, 15.33it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 935/10000 [01:02<09:57, 15.18it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 937/10000 [01:02<09:44, 15.51it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 23ms/step

   9%|█              | 939/10000 [01:02<09:44, 15.50it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 941/10000 [01:02<09:35, 15.73it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 943/10000 [01:02<09:34, 15.78it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

   9%|█              | 945/10000 [01:02<09:31, 15.85it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

   9%|█              | 947/10000 [01:02<09:49, 15.36it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

   9%|█              | 949/10000 [01:03<09:44, 15.49it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  10%|█              | 951/10000 [01:03<09:46, 15.43it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 953/10000 [01:03<09:41, 15.57it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 955/10000 [01:03<09:51, 15.30it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 25ms/step

  10%|█              | 957/10000 [01:03<09:57, 15.14it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  10%|█              | 959/10000 [01:03<09:57, 15.12it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  10%|█              | 961/10000 [01:03<09:58, 15.11it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 963/10000 [01:03<09:56, 15.16it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 965/10000 [01:04<09:45, 15.44it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 967/10000 [01:04<09:36, 15.66it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 969/10000 [01:04<09:39, 15.59it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 971/10000 [01:04<09:33, 15.76it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 973/10000 [01:04<10:09, 14.81it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 23ms/step

  10%|█              | 975/10000 [01:04<10:04, 14.93it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 977/10000 [01:04<10:03, 14.95it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 979/10000 [01:05<10:03, 14.96it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 981/10000 [01:05<09:54, 15.18it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█               | 983/10000 [01:05<09:59, 15.05it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█               | 985/10000 [01:05<09:52, 15.22it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█               | 987/10000 [01:05<10:02, 14.95it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 21ms/step

  10%|█               | 989/10000 [01:05<10:12, 14.70it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  10%|█               | 991/10000 [01:05<10:29, 14.30it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█               | 993/10000 [01:05<10:20, 14.52it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█               | 995/10000 [01:06<09:59, 15.01it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█               | 997/10000 [01:06<09:51, 15.21it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  10%|█               | 999/10000 [01:06<10:18, 14.56it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█               | 1001/10000 [01:06<10:16, 14.59it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 24ms/step

  10%|█               | 1003/10000 [01:06<10:14, 14.65it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  10%|█              | 1005/10000 [01:06<10:12, 14.68it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1007/10000 [01:06<09:46, 15.34it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 1009/10000 [01:07<09:47, 15.31it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  10%|█              | 1011/10000 [01:07<09:41, 15.47it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1013/10000 [01:07<09:30, 15.74it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

  10%|█              | 1015/10000 [01:07<09:53, 15.13it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 1017/10000 [01:07<10:06, 14.81it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 1019/10000 [01:07<10:09, 14.74it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 1021/10000 [01:07<09:50, 15.20it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 1023/10000 [01:07<10:02, 14.89it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1025/10000 [01:08<09:50, 15.19it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 1027/10000 [01:08<10:10, 14.71it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1029/10000 [01:08<10:08, 14.74it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1031/10000 [01:08<09:48, 15.23it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1033/10000 [01:08<09:34, 15.61it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  10%|█              | 1035/10000 [01:08<09:57, 15.01it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 1037/10000 [01:08<09:53, 15.11it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 21ms/step

  10%|█              | 1039/10000 [01:09<09:42, 15.37it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1041/10000 [01:09<09:26, 15.83it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1043/10000 [01:09<09:21, 15.94it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  10%|█              | 1045/10000 [01:09<09:29, 15.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

  10%|█              | 1047/10000 [01:09<09:37, 15.51it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  10%|█               | 1049/10000 [01:09<10:15, 14.55it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 34ms/step

  11%|█               | 1051/10000 [01:09<11:19, 13.17it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  11%|█               | 1053/10000 [01:10<11:45, 12.67it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  11%|█               | 1055/10000 [01:10<12:24, 12.02it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  11%|█               | 1057/10000 [01:10<12:41, 11.74it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  11%|█               | 1059/10000 [01:10<12:55, 11.53it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 34ms/step

  11%|█               | 1061/10000 [01:10<13:05, 11.38it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

  11%|█               | 1063/10000 [01:10<13:03, 11.40it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

  11%|█               | 1065/10000 [01:11<13:12, 11.28it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  11%|█               | 1067/10000 [01:11<13:22, 11.13it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  11%|█               | 1069/10000 [01:11<13:22, 11.13it/s]
```

```
1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 31ms/step

  11%|█              | 1071/10000 [01:11<13:38, 10.91it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 32ms/step

  11%|█              | 1073/10000 [01:11<13:42, 10.85it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

  11%|█              | 1075/10000 [01:12<13:46, 10.79it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  11%|█              | 1077/10000 [01:12<13:03, 11.38it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1079/10000 [01:12<12:26, 11.95it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  11%|█              | 1081/10000 [01:12<11:46, 12.62it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1083/10000 [01:12<11:03, 13.45it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1085/10000 [01:12<10:22, 14.33it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  11%|█              | 1087/10000 [01:12<10:35, 14.02it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  11%|█              | 1089/10000 [01:13<10:19, 14.39it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1091/10000 [01:13<09:57, 14.92it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step
  11%|█              | 1093/10000 [01:13<09:46, 15.19it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step
  11%|█              | 1095/10000 [01:13<09:45, 15.20it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step
  11%|█              | 1097/10000 [01:13<09:37, 15.41it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step
  11%|█              | 1099/10000 [01:13<10:02, 14.78it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step
  11%|█              | 1101/10000 [01:13<09:37, 15.42it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 18ms/step
  11%|█              | 1103/10000 [01:13<09:41, 15.31it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step
  11%|█              | 1105/10000 [01:14<09:31, 15.57it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step
  11%|█              | 1107/10000 [01:14<09:41, 15.29it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step
  11%|█              | 1109/10000 [01:14<09:41, 15.30it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step
  11%|█              | 1111/10000 [01:14<09:27, 15.66it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step
  11%|█              | 1113/10000 [01:14<09:19, 15.90it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  11%|█              | 1115/10000 [01:14<09:33, 15.49it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1117/10000 [01:14<09:41, 15.27it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1119/10000 [01:14<09:43, 15.21it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 19ms/step

  11%|█              | 1121/10000 [01:15<09:32, 15.50it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  11%|█              | 1123/10000 [01:15<09:39, 15.31it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 25ms/step

  11%|█              | 1125/10000 [01:15<16:10,  9.15it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  11%|█              | 1127/10000 [01:15<14:51,  9.95it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  11%|█              | 1129/10000 [01:15<13:50, 10.68it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

  11%|█              | 1131/10000 [01:16<12:59, 11.38it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 23ms/step

  11%|█              | 1133/10000 [01:16<12:25, 11.89it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 32ms/step

  11%|█              | 1135/10000 [01:16<12:01, 12.28it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 26ms/step

  11%|█              | 1137/10000 [01:16<11:36, 12.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  11%|█              | 1139/10000 [01:16<11:16, 13.09it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  11%|█              | 1141/10000 [01:16<11:27, 12.89it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 23ms/step

  11%|█              | 1143/10000 [01:17<11:26, 12.90it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

  11%|█              | 1145/10000 [01:17<11:13, 13.15it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

  11%|█              | 1147/10000 [01:17<10:54, 13.53it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

  11%|█              | 1149/10000 [01:17<11:01, 13.38it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

  12%|█              | 1151/10000 [01:17<10:58, 13.43it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  12%|█              | 1153/10000 [01:17<10:58, 13.44it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█              | 1155/10000 [01:17<10:47, 13.66it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 22ms/step

  12%|█              | 1157/10000 [01:18<10:52, 13.55it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 25ms/step

  12%|█              | 1159/10000 [01:18<10:46, 13.67it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 23ms/step

  12%|█              | 1161/10000 [01:18<11:02, 13.33it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█              | 1163/10000 [01:18<10:42, 13.75it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step

  12%|█              | 1165/10000 [01:18<10:53, 13.51it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█              | 1167/10000 [01:18<11:02, 13.33it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step

  12%|█              | 1169/10000 [01:18<11:12, 13.13it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█              | 1171/10000 [01:19<11:19, 13.00it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  12%|█              | 1173/10000 [01:19<11:08, 13.20it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█              | 1175/10000 [01:19<11:12, 13.13it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

  12%|█              | 1177/10000 [01:19<11:09, 13.18it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

  12%|█              | 1179/10000 [01:19<11:04, 13.27it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█             | 1181/10000 [01:19<11:07, 13.22it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 27ms/step

  12%|█             | 1183/10000 [01:19<10:44, 13.67it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 29ms/step

  12%|█             | 1185/10000 [01:20<11:07, 13.21it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  12%|█             | 1187/10000 [01:20<11:09, 13.17it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

  12%|█             | 1189/10000 [01:20<11:03, 13.28it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

  12%|█             | 1191/10000 [01:20<10:40, 13.76it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

  12%|█             | 1193/10000 [01:20<10:51, 13.51it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█             | 1195/10000 [01:20<10:56, 13.42it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  12%|█             | 1197/10000 [01:21<11:03, 13.27it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 23ms/step

  12%|█             | 1199/10000 [01:21<11:04, 13.25it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 20ms/step

  12%|█             | 1201/10000 [01:21<10:46, 13.60it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

  12%|█            | 1203/10000 [01:21<10:23, 14.10it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

  12%|█            | 1205/10000 [01:21<10:25, 14.07it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 22ms/step

  12%|█            | 1207/10000 [01:21<10:43, 13.66it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step

  12%|█            | 1209/10000 [01:21<10:28, 13.98it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  12%|█            | 1211/10000 [01:22<10:05, 14.52it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 25ms/step

  12%|█            | 1213/10000 [01:22<10:21, 14.14it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 35ms/step

  12%|█            | 1215/10000 [01:22<10:31, 13.91it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  12%|█            | 1217/10000 [01:22<10:55, 13.40it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

  12%|█            | 1219/10000 [01:22<11:37, 12.58it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  12%|█            | 1221/10000 [01:22<12:14, 11.95it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

  12%|█            | 1223/10000 [01:23<12:19, 11.87it/s]
```

```
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 30ms/step

  12%|█              | 1225/10000 [01:23<12:52, 11.36it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  12%|█              | 1227/10000 [01:23<12:52, 11.36it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

  12%|█              | 1229/10000 [01:23<13:16, 11.01it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 29ms/step

  12%|█              | 1231/10000 [01:23<13:31, 10.80it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  12%|█              | 1233/10000 [01:23<12:59, 11.24it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 41ms/step

  12%|█              | 1235/10000 [01:24<13:33, 10.78it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

  12%|█              | 1237/10000 [01:24<13:35, 10.75it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  12%|█              | 1239/10000 [01:24<13:21, 10.94it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  12%|█              | 1241/10000 [01:24<13:23, 10.90it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

  12%|█              | 1243/10000 [01:24<13:17, 10.97it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  12%|█              | 1245/10000 [01:25<13:13, 11.03it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 17ms/step

  12%|█             | 1247/10000 [01:25<12:23, 11.77it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  12%|█             | 1249/10000 [01:25<11:37, 12.54it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1251/10000 [01:25<10:52, 13.41it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  13%|█             | 1253/10000 [01:25<10:39, 13.67it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  13%|█             | 1255/10000 [01:25<10:02, 14.50it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  13%|█             | 1257/10000 [01:25<09:53, 14.73it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  13%|█             | 1259/10000 [01:25<10:07, 14.40it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  13%|█             | 1261/10000 [01:26<09:50, 14.79it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1263/10000 [01:26<09:54, 14.69it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  13%|█             | 1265/10000 [01:26<09:51, 14.76it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  13%|█             | 1267/10000 [01:26<09:44, 14.93it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1269/10000 [01:26<09:37, 15.11it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1271/10000 [01:26<09:44, 14.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

  13%|█             | 1273/10000 [01:26<09:44, 14.92it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1275/10000 [01:27<09:31, 15.27it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  13%|█             | 1277/10000 [01:27<09:32, 15.24it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1279/10000 [01:27<09:38, 15.07it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  13%|█             | 1281/10000 [01:27<09:38, 15.08it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  13%|█             | 1283/10000 [01:27<09:36, 15.11it/s]

1/1 [==============================] - 0s 17ms/step
1/1 [==============================] - 0s 19ms/step

  13%|█             | 1285/10000 [01:27<09:32, 15.22it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  13%|█             | 1287/10000 [01:27<09:39, 15.03it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  13%|█             | 1289/10000 [01:27<09:37, 15.08it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

 13%|█            | 1291/10000 [01:28<09:44, 14.91it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 13%|█            | 1293/10000 [01:28<09:54, 14.65it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█            | 1295/10000 [01:28<09:55, 14.61it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█            | 1297/10000 [01:28<09:42, 14.94it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

 13%|█            | 1299/10000 [01:28<09:44, 14.88it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 17ms/step

 13%|█            | 1301/10000 [01:28<09:43, 14.92it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█            | 1303/10000 [01:28<09:46, 14.84it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

 13%|█            | 1305/10000 [01:29<09:43, 14.90it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

 13%|█            | 1307/10000 [01:29<09:37, 15.05it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█            | 1309/10000 [01:29<09:48, 14.76it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

 13%|█            | 1311/10000 [01:29<09:51, 14.69it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

 13%|█                  | 1313/10000 [01:29<10:02, 14.42it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

 13%|█                  | 1315/10000 [01:29<09:52, 14.67it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 27ms/step

 13%|█                  | 1317/10000 [01:29<10:20, 14.00it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

 13%|█                  | 1319/10000 [01:30<10:08, 14.27it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 13%|█                  | 1321/10000 [01:30<10:20, 13.98it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█                  | 1323/10000 [01:30<10:07, 14.27it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

 13%|█                  | 1325/10000 [01:30<10:05, 14.33it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█                  | 1327/10000 [01:30<10:01, 14.42it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

 13%|█                  | 1329/10000 [01:30<09:52, 14.62it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 24ms/step

 13%|█                  | 1331/10000 [01:30<09:54, 14.58it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█                  | 1333/10000 [01:30<09:59, 14.46it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█             | 1335/10000 [01:31<09:36, 15.04it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 24ms/step

 13%|█             | 1337/10000 [01:31<09:43, 14.85it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█             | 1339/10000 [01:31<10:00, 14.43it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█             | 1341/10000 [01:31<09:54, 14.57it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

 13%|█             | 1343/10000 [01:31<09:54, 14.55it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█             | 1345/10000 [01:31<09:40, 14.92it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

 13%|█             | 1347/10000 [01:31<09:42, 14.85it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

 13%|█             | 1349/10000 [01:32<09:41, 14.89it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

 14%|█             | 1351/10000 [01:32<09:36, 15.01it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

 14%|█             | 1353/10000 [01:32<09:52, 14.61it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 14%|█             | 1355/10000 [01:32<09:51, 14.62it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  14%|█               | 1357/10000 [01:32<09:48, 14.69it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 22ms/step

  14%|█               | 1359/10000 [01:32<09:56, 14.49it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  14%|█               | 1361/10000 [01:32<10:00, 14.40it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  14%|█               | 1363/10000 [01:33<09:44, 14.79it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  14%|█               | 1365/10000 [01:33<09:53, 14.55it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  14%|█               | 1367/10000 [01:33<09:51, 14.59it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  14%|█               | 1369/10000 [01:33<09:48, 14.66it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  14%|█               | 1371/10000 [01:33<09:45, 14.75it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  14%|█               | 1373/10000 [01:33<09:39, 14.87it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  14%|█               | 1375/10000 [01:33<09:47, 14.67it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

  14%|█               | 1377/10000 [01:33<09:45, 14.74it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  14%|█            | 1379/10000 [01:34<09:41, 14.83it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  14%|█            | 1381/10000 [01:34<09:31, 15.09it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 22ms/step

  14%|█            | 1383/10000 [01:34<09:52, 14.54it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  14%|█            | 1385/10000 [01:34<09:43, 14.77it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  14%|█            | 1387/10000 [01:34<09:31, 15.08it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  14%|█            | 1389/10000 [01:34<09:29, 15.12it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  14%|█            | 1391/10000 [01:34<09:43, 14.75it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  14%|█            | 1393/10000 [01:35<09:34, 14.97it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

  14%|█            | 1395/10000 [01:35<10:18, 13.91it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  14%|█            | 1397/10000 [01:35<10:33, 13.58it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step

  14%|█            | 1399/10000 [01:35<11:16, 12.71it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  14%|█              | 1401/10000 [01:35<11:41, 12.25it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  14%|█              | 1403/10000 [01:35<12:11, 11.75it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  14%|█              | 1405/10000 [01:36<12:34, 11.39it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

  14%|█              | 1407/10000 [01:36<12:46, 11.22it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

  14%|█              | 1409/10000 [01:36<12:40, 11.29it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 45ms/step

  14%|█              | 1411/10000 [01:36<13:02, 10.98it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 44ms/step

  14%|█              | 1413/10000 [01:36<12:56, 11.06it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 40ms/step

  14%|█              | 1415/10000 [01:37<13:18, 10.76it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step

  14%|█              | 1417/10000 [01:37<13:28, 10.61it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  14%|█              | 1419/10000 [01:37<13:27, 10.62it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

  14%|█              | 1421/10000 [01:37<13:20, 10.72it/s]
```

```
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 38ms/step

  14%|█              | 1423/10000 [01:37<13:18, 10.74it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  14%|█              | 1425/10000 [01:37<13:19, 10.72it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

  14%|█              | 1427/10000 [01:38<12:26, 11.48it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 38ms/step

  14%|█              | 1429/10000 [01:38<12:09, 11.75it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 38ms/step

  14%|█              | 1431/10000 [01:38<13:30, 10.58it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step

  14%|█              | 1433/10000 [01:38<14:43,  9.70it/s]

1/1 [==============================] - 0s 66ms/step
1/1 [==============================] - 0s 30ms/step

  14%|█              | 1435/10000 [01:39<16:37,  8.59it/s]

1/1 [==============================] - 0s 53ms/step

  14%|█              | 1436/10000 [01:39<16:51,  8.46it/s]

1/1 [==============================] - 0s 44ms/step

  14%|█              | 1437/10000 [01:39<16:43,  8.53it/s]

1/1 [==============================] - 0s 41ms/step

  14%|█              | 1438/10000 [01:39<17:57,  7.94it/s]

1/1 [==============================] - 0s 39ms/step

  14%|█              | 1439/10000 [01:39<17:57,  7.94it/s]

1/1 [==============================] - 0s 29ms/step

  14%|█              | 1440/10000 [01:39<18:20,  7.78it/s]
```

```
1/1 [==============================] - 0s 37ms/step
  14%|█              | 1441/10000 [01:39<19:14,  7.41it/s]
1/1 [==============================] - 0s 42ms/step
  14%|█              | 1442/10000 [01:39<18:16,  7.80it/s]
1/1 [==============================] - 0s 48ms/step
  14%|█              | 1443/10000 [01:40<18:01,  7.91it/s]
1/1 [==============================] - 0s 36ms/step
  14%|█              | 1444/10000 [01:40<19:52,  7.17it/s]
1/1 [==============================] - 0s 43ms/step
  14%|█              | 1445/10000 [01:40<18:52,  7.56it/s]
1/1 [==============================] - 0s 27ms/step
  14%|█              | 1446/10000 [01:40<17:57,  7.94it/s]
1/1 [==============================] - 0s 31ms/step
  14%|█              | 1447/10000 [01:40<18:24,  7.75it/s]
1/1 [==============================] - 0s 33ms/step
  14%|█              | 1448/10000 [01:40<17:54,  7.96it/s]
1/1 [==============================] - 0s 83ms/step
  14%|█              | 1449/10000 [01:40<18:52,  7.55it/s]
1/1 [==============================] - 0s 42ms/step
  14%|█              | 1450/10000 [01:41<19:42,  7.23it/s]
1/1 [==============================] - 0s 51ms/step
  15%|█              | 1451/10000 [01:41<23:03,  6.18it/s]
1/1 [==============================] - 0s 37ms/step
  15%|█              | 1452/10000 [01:41<21:25,  6.65it/s]
1/1 [==============================] - 0s 50ms/step
  15%|█              | 1453/10000 [01:41<20:41,  6.88it/s]
1/1 [==============================] - 0s 40ms/step
  15%|█              | 1454/10000 [01:41<19:25,  7.33it/s]
```

```
1/1 [==============================] - 0s 114ms/step
  15%|█              | 1455/10000 [01:41<21:58,  6.48it/s]
1/1 [==============================] - 0s 33ms/step
  15%|█              | 1456/10000 [01:41<20:35,  6.91it/s]
1/1 [==============================] - 0s 43ms/step
  15%|█              | 1457/10000 [01:42<19:17,  7.38it/s]
1/1 [==============================] - 0s 61ms/step
  15%|█              | 1458/10000 [01:42<21:31,  6.61it/s]
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step
  15%|█              | 1460/10000 [01:42<15:44,  9.04it/s]
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step
  15%|█              | 1462/10000 [01:42<13:16, 10.72it/s]
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 24ms/step
  15%|█              | 1464/10000 [01:42<12:01, 11.83it/s]
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step
  15%|█              | 1466/10000 [01:42<10:57, 12.98it/s]
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step
  15%|█              | 1468/10000 [01:42<10:37, 13.38it/s]
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 28ms/step
  15%|█              | 1470/10000 [01:43<10:36, 13.40it/s]
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step
  15%|█              | 1472/10000 [01:43<10:16, 13.83it/s]
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step
  15%|█              | 1474/10000 [01:43<10:00, 14.21it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█               | 1476/10000 [01:43<09:57, 14.26it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█               | 1478/10000 [01:43<09:35, 14.81it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 24ms/step

  15%|█               | 1480/10000 [01:43<10:08, 14.00it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█               | 1482/10000 [01:43<09:51, 14.41it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  15%|█               | 1484/10000 [01:44<10:04, 14.10it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█               | 1486/10000 [01:44<09:52, 14.37it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 26ms/step

  15%|█               | 1488/10000 [01:44<09:53, 14.33it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█               | 1490/10000 [01:44<09:41, 14.63it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█               | 1492/10000 [01:44<09:37, 14.74it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  15%|█               | 1494/10000 [01:44<09:38, 14.69it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

  15%|█               | 1496/10000 [01:44<09:37, 14.73it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  15%|█              | 1498/10000 [01:45<09:57, 14.22it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 17ms/step

  15%|█              | 1500/10000 [01:45<09:37, 14.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 18ms/step

  15%|█              | 1502/10000 [01:45<09:42, 14.59it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  15%|█              | 1504/10000 [01:45<09:36, 14.73it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█              | 1506/10000 [01:45<09:48, 14.43it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█              | 1508/10000 [01:45<09:45, 14.50it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1510/10000 [01:45<09:56, 14.23it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  15%|█              | 1512/10000 [01:45<09:54, 14.29it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1514/10000 [01:46<09:41, 14.60it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█              | 1516/10000 [01:46<09:54, 14.26it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1518/10000 [01:46<09:40, 14.60it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1520/10000 [01:46<09:38, 14.66it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  15%|█              | 1522/10000 [01:46<09:41, 14.57it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1524/10000 [01:46<09:52, 14.31it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█              | 1526/10000 [01:46<09:58, 14.16it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1528/10000 [01:47<10:00, 14.10it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  15%|█              | 1530/10000 [01:47<09:55, 14.22it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 23ms/step

  15%|█              | 1532/10000 [01:47<09:47, 14.41it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1534/10000 [01:47<10:07, 13.94it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step

  15%|█              | 1536/10000 [01:47<10:05, 13.98it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

  15%|█              | 1538/10000 [01:47<10:06, 13.94it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  15%|█              | 1540/10000 [01:47<10:00, 14.10it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 29ms/step

  15%|█             | 1542/10000 [01:48<10:41, 13.19it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

  15%|█             | 1544/10000 [01:48<11:19, 12.44it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 38ms/step

  15%|█             | 1546/10000 [01:48<11:58, 11.77it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 32ms/step

  15%|█             | 1548/10000 [01:48<12:34, 11.20it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 44ms/step

  16%|█             | 1550/10000 [01:48<13:07, 10.73it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 33ms/step

  16%|█             | 1552/10000 [01:49<13:22, 10.53it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  16%|█             | 1554/10000 [01:49<12:48, 11.00it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

  16%|█             | 1556/10000 [01:49<12:26, 11.31it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 30ms/step

  16%|█             | 1558/10000 [01:49<12:43, 11.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 45ms/step

  16%|█             | 1560/10000 [01:49<12:44, 11.04it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 29ms/step

  16%|█             | 1562/10000 [01:49<13:01, 10.80it/s]
```

```
1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 33ms/step

  16%|█              | 1564/10000 [01:50<13:12, 10.64it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  16%|█              | 1566/10000 [01:50<12:32, 11.21it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 48ms/step

  16%|█              | 1568/10000 [01:50<12:43, 11.04it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 29ms/step

  16%|█              | 1570/10000 [01:50<13:34, 10.35it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 36ms/step

  16%|█              | 1572/10000 [01:50<13:57, 10.07it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  16%|█              | 1574/10000 [01:51<13:06, 10.71it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█              | 1576/10000 [01:51<12:15, 11.45it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  16%|█              | 1578/10000 [01:51<11:38, 12.06it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█              | 1580/10000 [01:51<10:55, 12.84it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  16%|█              | 1582/10000 [01:51<10:28, 13.39it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█              | 1584/10000 [01:51<10:28, 13.40it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1586/10000 [01:51<10:34, 13.26it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 33ms/step

  16%|█             | 1588/10000 [01:52<10:42, 13.10it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█             | 1590/10000 [01:52<10:28, 13.37it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

  16%|█             | 1592/10000 [01:52<10:23, 13.49it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1594/10000 [01:52<10:12, 13.73it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  16%|█             | 1596/10000 [01:52<10:10, 13.77it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1598/10000 [01:52<10:07, 13.84it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1600/10000 [01:53<10:27, 13.40it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  16%|█             | 1602/10000 [01:53<10:11, 13.73it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1604/10000 [01:53<10:24, 13.44it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█             | 1606/10000 [01:53<10:08, 13.78it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█              | 1608/10000 [01:53<09:53, 14.14it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  16%|█              | 1610/10000 [01:53<09:55, 14.08it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█              | 1612/10000 [01:53<09:54, 14.12it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 23ms/step

  16%|█              | 1614/10000 [01:53<10:00, 13.97it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step

  16%|█              | 1616/10000 [01:54<10:15, 13.62it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█              | 1618/10000 [01:54<10:02, 13.92it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█              | 1620/10000 [01:54<09:59, 13.97it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  16%|█              | 1622/10000 [01:54<10:17, 13.57it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 27ms/step

  16%|█              | 1624/10000 [01:54<10:14, 13.64it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█              | 1626/10000 [01:54<10:01, 13.92it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

  16%|█              | 1628/10000 [01:55<10:22, 13.45it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  16%|█             | 1630/10000 [01:55<09:59, 13.96it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1632/10000 [01:55<10:20, 13.48it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█             | 1634/10000 [01:55<10:04, 13.84it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  16%|█             | 1636/10000 [01:55<10:07, 13.76it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1638/10000 [01:55<09:51, 14.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  16%|█             | 1640/10000 [01:55<10:04, 13.83it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1642/10000 [01:56<10:12, 13.64it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  16%|█             | 1644/10000 [01:56<10:15, 13.58it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█             | 1646/10000 [01:56<10:07, 13.75it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█             | 1648/10000 [01:56<10:07, 13.76it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  16%|█             | 1650/10000 [01:56<10:07, 13.75it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  17%|█              | 1652/10000 [01:56<10:00, 13.90it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

  17%|█              | 1654/10000 [01:56<10:06, 13.75it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 24ms/step

  17%|█              | 1656/10000 [01:57<10:11, 13.65it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  17%|█              | 1658/10000 [01:57<10:24, 13.36it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

  17%|█              | 1660/10000 [01:57<10:26, 13.30it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  17%|█              | 1662/10000 [01:57<10:19, 13.47it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  17%|█              | 1664/10000 [01:57<10:17, 13.49it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  17%|█              | 1666/10000 [01:57<09:58, 13.94it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 25ms/step

  17%|█              | 1668/10000 [01:57<10:08, 13.70it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  17%|█              | 1670/10000 [01:58<10:05, 13.75it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  17%|█              | 1672/10000 [01:58<09:59, 13.88it/s]
```

```
1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  17%|█              | 1674/10000 [01:58<09:49, 14.14it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  17%|█              | 1676/10000 [01:58<09:52, 14.05it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  17%|█              | 1678/10000 [01:58<09:47, 14.15it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  17%|█              | 1680/10000 [01:58<09:35, 14.44it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  17%|█              | 1682/10000 [01:58<09:31, 14.56it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  17%|█              | 1684/10000 [01:59<09:17, 14.92it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  17%|█              | 1686/10000 [01:59<09:41, 14.30it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  17%|█              | 1688/10000 [01:59<09:43, 14.24it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  17%|█              | 1690/10000 [01:59<09:29, 14.59it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  17%|█              | 1692/10000 [01:59<09:26, 14.66it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  17%|█              | 1694/10000 [01:59<09:43, 14.22it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

 17%|█              | 1696/10000 [01:59<09:55, 13.95it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

 17%|█              | 1698/10000 [02:00<10:05, 13.70it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

 17%|█              | 1700/10000 [02:00<10:15, 13.48it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

 17%|█              | 1702/10000 [02:00<10:10, 13.59it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 22ms/step

 17%|█              | 1704/10000 [02:00<10:14, 13.49it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 17%|█              | 1706/10000 [02:00<10:14, 13.50it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

 17%|█              | 1708/10000 [02:00<09:55, 13.92it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

 17%|█              | 1710/10000 [02:00<10:08, 13.63it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

 17%|█              | 1712/10000 [02:01<10:09, 13.60it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 17%|█              | 1714/10000 [02:01<10:48, 12.78it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 44ms/step

 17%|█              | 1716/10000 [02:01<11:55, 11.58it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 43ms/step

 17%|█              | 1718/10000 [02:01<12:29, 11.06it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 35ms/step

 17%|█              | 1720/10000 [02:01<12:34, 10.97it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 40ms/step

 17%|█              | 1722/10000 [02:02<12:56, 10.67it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 29ms/step

 17%|█              | 1724/10000 [02:02<13:11, 10.46it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 17%|█              | 1726/10000 [02:02<12:35, 10.96it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 28ms/step

 17%|█              | 1728/10000 [02:02<12:21, 11.16it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 53ms/step

 17%|█              | 1730/10000 [02:02<13:11, 10.45it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 35ms/step

 17%|█              | 1732/10000 [02:02<12:58, 10.62it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 35ms/step

 17%|█              | 1734/10000 [02:03<13:33, 10.16it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 36ms/step

 17%|█              | 1736/10000 [02:03<13:19, 10.33it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

 17%|█              | 1738/10000 [02:03<13:16, 10.38it/s]
```

```
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  17%|██            | 1740/10000 [02:03<12:50, 10.72it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 37ms/step

  17%|██            | 1742/10000 [02:03<12:46, 10.78it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  17%|██            | 1744/10000 [02:04<12:13, 11.26it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 34ms/step

  17%|██            | 1746/10000 [02:04<12:30, 11.00it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 38ms/step

  17%|██            | 1748/10000 [02:04<12:52, 10.68it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 19ms/step

  18%|██            | 1750/10000 [02:04<12:27, 11.03it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  18%|██            | 1752/10000 [02:04<11:16, 12.19it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  18%|██            | 1754/10000 [02:04<10:43, 12.82it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 24ms/step

  18%|██            | 1756/10000 [02:05<10:32, 13.03it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  18%|██            | 1758/10000 [02:05<10:19, 13.31it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  18%|██            | 1760/10000 [02:05<09:52, 13.91it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█              | 1762/10000 [02:05<09:37, 14.26it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 22ms/step

  18%|█              | 1764/10000 [02:05<09:28, 14.48it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█              | 1766/10000 [02:05<09:31, 14.40it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█              | 1768/10000 [02:05<09:34, 14.33it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█              | 1770/10000 [02:06<09:13, 14.87it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 17ms/step

  18%|█              | 1772/10000 [02:06<09:03, 15.14it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█              | 1774/10000 [02:06<09:31, 14.39it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

  18%|█              | 1776/10000 [02:06<09:30, 14.42it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 23ms/step

  18%|█              | 1778/10000 [02:06<09:29, 14.44it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█              | 1780/10000 [02:06<09:30, 14.40it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  18%|█              | 1782/10000 [02:06<09:39, 14.17it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█               | 1784/10000 [02:06<09:35, 14.28it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█               | 1786/10000 [02:07<09:28, 14.45it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█               | 1788/10000 [02:07<09:15, 14.79it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█               | 1790/10000 [02:07<09:23, 14.58it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█               | 1792/10000 [02:07<09:38, 14.19it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█               | 1794/10000 [02:07<09:46, 13.98it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█               | 1796/10000 [02:07<09:41, 14.12it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█               | 1798/10000 [02:07<09:27, 14.46it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█               | 1800/10000 [02:08<09:29, 14.41it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

  18%|█               | 1802/10000 [02:08<09:41, 14.09it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 27ms/step

  18%|█               | 1804/10000 [02:08<09:42, 14.08it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1806/10000 [02:08<09:59, 13.67it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1808/10000 [02:08<10:03, 13.56it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  18%|█            | 1810/10000 [02:08<10:02, 13.59it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█            | 1812/10000 [02:08<09:50, 13.88it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█            | 1814/10000 [02:09<09:38, 14.15it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█            | 1816/10000 [02:09<09:44, 14.01it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 24ms/step

  18%|█            | 1818/10000 [02:09<09:31, 14.31it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

  18%|█            | 1820/10000 [02:09<09:46, 13.94it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█            | 1822/10000 [02:09<09:47, 13.91it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step

  18%|█            | 1824/10000 [02:09<09:45, 13.96it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1826/10000 [02:09<09:43, 14.00it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  18%|█            | 1828/10000 [02:10<09:41, 14.04it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

  18%|█            | 1830/10000 [02:10<09:41, 14.05it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█            | 1832/10000 [02:10<09:39, 14.09it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1834/10000 [02:10<09:46, 13.91it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  18%|█            | 1836/10000 [02:10<09:43, 13.99it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1838/10000 [02:10<09:37, 14.13it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  18%|█            | 1840/10000 [02:10<09:32, 14.25it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  18%|█            | 1842/10000 [02:11<09:52, 13.76it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1844/10000 [02:11<09:42, 13.99it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1846/10000 [02:11<09:51, 13.79it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1848/10000 [02:11<09:51, 13.79it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  18%|█            | 1850/10000 [02:11<09:42, 13.99it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  19%|█            | 1852/10000 [02:11<09:34, 14.19it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█            | 1854/10000 [02:11<09:53, 13.73it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█            | 1856/10000 [02:12<09:39, 14.05it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█            | 1858/10000 [02:12<09:31, 14.25it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 26ms/step

  19%|█            | 1860/10000 [02:12<09:24, 14.41it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█            | 1862/10000 [02:12<09:37, 14.09it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█            | 1864/10000 [02:12<09:32, 14.22it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 23ms/step

  19%|█            | 1866/10000 [02:12<09:36, 14.11it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  19%|█            | 1868/10000 [02:12<09:38, 14.04it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  19%|█            | 1870/10000 [02:13<09:38, 14.06it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█              | 1872/10000 [02:13<09:38, 14.04it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█              | 1874/10000 [02:13<09:36, 14.10it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

  19%|█              | 1876/10000 [02:13<09:51, 13.74it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█              | 1878/10000 [02:13<09:28, 14.29it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█              | 1880/10000 [02:13<09:51, 13.72it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█              | 1882/10000 [02:13<09:39, 14.02it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  19%|█              | 1884/10000 [02:14<09:42, 13.92it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█              | 1886/10000 [02:14<09:43, 13.91it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 18ms/step

  19%|█              | 1888/10000 [02:14<09:41, 13.95it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 26ms/step

  19%|█              | 1890/10000 [02:14<09:54, 13.64it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  19%|█              | 1892/10000 [02:14<10:38, 12.69it/s]
```

```
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 38ms/step

 19%|█                   | 1894/10000 [02:14<11:15, 12.00it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

 19%|█                   | 1896/10000 [02:15<11:59, 11.27it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step

 19%|█                   | 1898/10000 [02:15<12:17, 10.99it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

 19%|█                   | 1900/10000 [02:15<12:20, 10.93it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

 19%|█                   | 1902/10000 [02:15<12:16, 11.00it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 41ms/step

 19%|█                   | 1904/10000 [02:15<12:57, 10.41it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 53ms/step

 19%|█                   | 1906/10000 [02:16<13:54,  9.70it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

 19%|█                   | 1908/10000 [02:16<13:29, 10.00it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

 19%|█                   | 1910/10000 [02:16<13:00, 10.36it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step

 19%|█                   | 1912/10000 [02:16<12:38, 10.66it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 30ms/step

 19%|█                   | 1914/10000 [02:16<12:51, 10.48it/s]
```

```
1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 43ms/step

  19%|█              | 1916/10000 [02:17<13:33,  9.94it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 46ms/step

  19%|█              | 1918/10000 [02:17<13:41,  9.84it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 37ms/step

  19%|█              | 1920/10000 [02:17<13:38,  9.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 23ms/step

  19%|█              | 1922/10000 [02:17<12:31, 10.75it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█              | 1924/10000 [02:17<12:00, 11.22it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█              | 1926/10000 [02:17<11:21, 11.85it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█              | 1928/10000 [02:18<10:47, 12.47it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 18ms/step

  19%|█              | 1930/10000 [02:18<10:18, 13.04it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step

  19%|█              | 1932/10000 [02:18<09:54, 13.58it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 18ms/step

  19%|█              | 1934/10000 [02:18<09:42, 13.84it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  19%|█              | 1936/10000 [02:18<09:46, 13.76it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

  19%|█            | 1938/10000 [02:18<09:51, 13.64it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 24ms/step

  19%|█            | 1940/10000 [02:18<10:10, 13.21it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  19%|█            | 1942/10000 [02:19<10:12, 13.16it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█            | 1944/10000 [02:19<09:56, 13.50it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█            | 1946/10000 [02:19<09:40, 13.89it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  19%|█            | 1948/10000 [02:19<09:25, 14.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 18ms/step

  20%|█            | 1950/10000 [02:19<09:37, 13.95it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 24ms/step

  20%|█            | 1952/10000 [02:19<09:58, 13.44it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█            | 1954/10000 [02:19<09:43, 13.79it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█            | 1956/10000 [02:20<09:33, 14.02it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█            | 1958/10000 [02:20<09:28, 14.15it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 24ms/step

  20%|█            | 1960/10000 [02:20<09:37, 13.93it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 18ms/step

  20%|█            | 1962/10000 [02:20<09:57, 13.46it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█            | 1964/10000 [02:20<09:50, 13.60it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█            | 1966/10000 [02:20<09:49, 13.64it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█            | 1968/10000 [02:20<09:48, 13.64it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█            | 1970/10000 [02:21<10:00, 13.37it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█            | 1972/10000 [02:21<09:47, 13.66it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  20%|█            | 1974/10000 [02:21<09:36, 13.93it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█            | 1976/10000 [02:21<09:46, 13.69it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

  20%|█            | 1978/10000 [02:21<10:06, 13.22it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█            | 1980/10000 [02:21<09:47, 13.64it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█              | 1982/10000 [02:22<09:33, 13.97it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

  20%|█              | 1984/10000 [02:22<09:32, 14.01it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 1986/10000 [02:22<09:40, 13.81it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█              | 1988/10000 [02:22<09:25, 14.17it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 1990/10000 [02:22<09:24, 14.20it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█              | 1992/10000 [02:22<09:18, 14.33it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█              | 1994/10000 [02:22<09:26, 14.13it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█              | 1996/10000 [02:23<09:29, 14.04it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 1998/10000 [02:23<09:18, 14.33it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 18ms/step

  20%|█              | 2000/10000 [02:23<09:32, 13.97it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 2002/10000 [02:23<09:27, 14.09it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 2004/10000 [02:23<09:43, 13.71it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 2006/10000 [02:23<09:38, 13.82it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 2008/10000 [02:23<09:29, 14.04it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█              | 2010/10000 [02:24<09:33, 13.93it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

  20%|█              | 2012/10000 [02:24<09:27, 14.06it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█              | 2014/10000 [02:24<09:28, 14.05it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 2016/10000 [02:24<09:22, 14.20it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█              | 2018/10000 [02:24<09:30, 14.00it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█              | 2020/10000 [02:24<09:26, 14.09it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

  20%|█              | 2022/10000 [02:24<09:44, 13.65it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█              | 2024/10000 [02:25<09:42, 13.69it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█               | 2026/10000 [02:25<09:34, 13.87it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  20%|█               | 2028/10000 [02:25<09:31, 13.94it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  20%|█               | 2030/10000 [02:25<09:25, 14.10it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 25ms/step

  20%|█               | 2032/10000 [02:25<16:04,  8.26it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

  20%|█               | 2034/10000 [02:26<14:19,  9.27it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

  20%|█               | 2036/10000 [02:26<13:14, 10.02it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

  20%|█               | 2038/10000 [02:26<12:10, 10.89it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 24ms/step

  20%|█               | 2040/10000 [02:26<11:43, 11.31it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  20%|█               | 2042/10000 [02:26<11:15, 11.78it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  20%|█               | 2044/10000 [02:26<11:03, 11.99it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  20%|█               | 2046/10000 [02:27<11:00, 12.05it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

 20%|█            | 2048/10000 [02:27<10:45, 12.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 20%|█            | 2050/10000 [02:27<10:42, 12.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 21%|█            | 2052/10000 [02:27<10:39, 12.43it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step

 21%|█            | 2054/10000 [02:27<11:09, 11.88it/s]

1/1 [==============================] - 0s 64ms/step
1/1 [==============================] - 0s 44ms/step

 21%|█            | 2056/10000 [02:27<12:38, 10.48it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

 21%|█            | 2058/10000 [02:28<13:25,  9.86it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

 21%|█            | 2060/10000 [02:28<12:50, 10.30it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

 21%|█            | 2062/10000 [02:28<12:14, 10.80it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step

 21%|█            | 2064/10000 [02:28<12:05, 10.94it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 57ms/step

 21%|█            | 2066/10000 [02:28<12:42, 10.40it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 37ms/step

 21%|█            | 2068/10000 [02:29<13:42,  9.65it/s]
```

```
1/1 [==============================] - 0s 40ms/step

  21%|█              | 2069/10000 [02:29<13:54,  9.51it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 40ms/step

  21%|█              | 2071/10000 [02:29<13:01, 10.14it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 46ms/step

  21%|█              | 2073/10000 [02:29<13:12, 10.00it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 60ms/step

  21%|█              | 2075/10000 [02:29<14:15,  9.27it/s]

1/1 [==============================] - 0s 33ms/step

  21%|█              | 2076/10000 [02:29<14:08,  9.34it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 51ms/step

  21%|█              | 2078/10000 [02:30<13:59,  9.44it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 41ms/step

  21%|█              | 2080/10000 [02:30<13:41,  9.64it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 32ms/step

  21%|█              | 2082/10000 [02:30<13:33,  9.74it/s]

1/1 [==============================] - 0s 38ms/step

  21%|█              | 2083/10000 [02:30<13:50,  9.53it/s]

1/1 [==============================] - 0s 43ms/step

  21%|█              | 2084/10000 [02:30<14:14,  9.26it/s]

1/1 [==============================] - 0s 34ms/step

  21%|█              | 2085/10000 [02:30<14:02,  9.40it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 23ms/step

  21%|█              | 2087/10000 [02:31<12:39, 10.42it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 22ms/step

  21%|█             | 2089/10000 [02:31<11:49, 11.14it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

  21%|█             | 2091/10000 [02:31<11:09, 11.81it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  21%|█             | 2093/10000 [02:31<10:52, 12.11it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step

  21%|█             | 2095/10000 [02:31<11:07, 11.85it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  21%|█             | 2097/10000 [02:31<10:51, 12.13it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 29ms/step

  21%|█             | 2099/10000 [02:32<10:41, 12.31it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

  21%|█             | 2101/10000 [02:32<10:47, 12.19it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 26ms/step

  21%|█             | 2103/10000 [02:32<10:31, 12.50it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 24ms/step

  21%|█             | 2105/10000 [02:32<10:25, 12.62it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 22ms/step

  21%|█             | 2107/10000 [02:32<10:19, 12.74it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step

  21%|█             | 2109/10000 [02:32<10:08, 12.97it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

 21%|█           | 2111/10000 [02:32<10:05, 13.03it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 30ms/step

 21%|█           | 2113/10000 [02:33<10:17, 12.77it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 21%|█           | 2115/10000 [02:33<09:54, 13.26it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 21%|█           | 2117/10000 [02:33<09:36, 13.68it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

 21%|█           | 2119/10000 [02:33<09:30, 13.83it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 26ms/step

 21%|█           | 2121/10000 [02:33<09:41, 13.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

 21%|█           | 2123/10000 [02:33<09:37, 13.65it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 24ms/step

 21%|█           | 2125/10000 [02:33<09:34, 13.71it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 25ms/step

 21%|█           | 2127/10000 [02:34<09:43, 13.48it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 21%|█           | 2129/10000 [02:34<09:48, 13.38it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

 21%|█           | 2131/10000 [02:34<09:34, 13.70it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

 21%|█            | 2133/10000 [02:34<09:29, 13.81it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 21%|█            | 2135/10000 [02:34<09:23, 13.96it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 20ms/step

 21%|█            | 2137/10000 [02:34<09:25, 13.90it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

 21%|█            | 2139/10000 [02:35<09:45, 13.42it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

 21%|█            | 2141/10000 [02:35<09:51, 13.29it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step

 21%|█            | 2143/10000 [02:35<09:43, 13.47it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

 21%|█            | 2145/10000 [02:35<09:27, 13.84it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 23ms/step

 21%|█            | 2147/10000 [02:35<09:49, 13.33it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 30ms/step

 21%|█            | 2149/10000 [02:35<09:51, 13.26it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

 22%|█            | 2151/10000 [02:35<09:54, 13.20it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

 22%|█            | 2153/10000 [02:36<10:02, 13.02it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 19ms/step

  22%|█            | 2155/10000 [02:36<09:59, 13.09it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2157/10000 [02:36<10:04, 12.97it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2159/10000 [02:36<09:52, 13.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  22%|█            | 2161/10000 [02:36<09:55, 13.17it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

  22%|█            | 2163/10000 [02:36<10:00, 13.05it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  22%|█            | 2165/10000 [02:36<10:18, 12.67it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  22%|█            | 2167/10000 [02:37<10:06, 12.92it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2169/10000 [02:37<10:18, 12.67it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

  22%|█            | 2171/10000 [02:37<10:06, 12.91it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2173/10000 [02:37<10:13, 12.76it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step

  22%|█            | 2175/10000 [02:37<10:21, 12.58it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  22%|■               | 2177/10000 [02:37<10:28, 12.44it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 19ms/step

  22%|■               | 2179/10000 [02:38<10:10, 12.82it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 23ms/step

  22%|■               | 2181/10000 [02:38<10:16, 12.68it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 21ms/step

  22%|■               | 2183/10000 [02:38<10:22, 12.56it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  22%|■               | 2185/10000 [02:38<10:08, 12.85it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

  22%|■               | 2187/10000 [02:38<09:41, 13.43it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  22%|■               | 2189/10000 [02:38<09:32, 13.65it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

  22%|■               | 2191/10000 [02:38<09:43, 13.39it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 25ms/step

  22%|■               | 2193/10000 [02:39<11:38, 11.18it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  22%|■               | 2195/10000 [02:39<10:44, 12.11it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 18ms/step

  22%|■               | 2197/10000 [02:39<10:03, 12.93it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2199/10000 [02:39<09:37, 13.51it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2201/10000 [02:39<11:50, 10.98it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2203/10000 [02:40<11:11, 11.61it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 21ms/step

  22%|█            | 2205/10000 [02:40<10:57, 11.86it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2207/10000 [02:40<11:02, 11.77it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 44ms/step

  22%|█            | 2209/10000 [02:40<12:38, 10.27it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  22%|█            | 2211/10000 [02:40<12:09, 10.67it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 31ms/step

  22%|█            | 2213/10000 [02:40<11:42, 11.08it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 34ms/step

  22%|█            | 2215/10000 [02:41<11:31, 11.26it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 44ms/step

  22%|█            | 2217/10000 [02:41<11:44, 11.05it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 39ms/step

  22%|█            | 2219/10000 [02:41<12:24, 10.45it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 43ms/step

  22%|█             | 2221/10000 [02:41<12:36, 10.29it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 28ms/step

  22%|█             | 2223/10000 [02:41<12:35, 10.29it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  22%|█             | 2225/10000 [02:42<11:46, 11.01it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

  22%|█             | 2227/10000 [02:42<11:35, 11.17it/s]

1/1 [==============================] - 0s 62ms/step
1/1 [==============================] - 0s 40ms/step

  22%|█             | 2229/10000 [02:42<13:12,  9.81it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 49ms/step

  22%|█             | 2231/10000 [02:42<12:52, 10.06it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

  22%|█             | 2233/10000 [02:42<12:27, 10.39it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

  22%|█             | 2235/10000 [02:43<12:01, 10.76it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  22%|█             | 2237/10000 [02:43<11:44, 11.02it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 41ms/step

  22%|█             | 2239/10000 [02:43<11:38, 11.12it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 39ms/step

  22%|█             | 2241/10000 [02:43<11:54, 10.85it/s]
```

```
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 33ms/step

 22%|■■              | 2243/10000 [02:43<12:19, 10.48it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 49ms/step

 22%|■■              | 2245/10000 [02:44<13:10,  9.81it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 54ms/step

 22%|■■              | 2247/10000 [02:44<13:07,  9.85it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

 22%|■■              | 2249/10000 [02:44<12:30, 10.33it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step

 23%|■■              | 2251/10000 [02:44<12:21, 10.44it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 23%|■■              | 2253/10000 [02:44<11:49, 10.92it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

 23%|■■              | 2255/10000 [02:44<11:22, 11.35it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

 23%|■■              | 2257/10000 [02:45<11:12, 11.51it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

 23%|■■              | 2259/10000 [02:45<11:04, 11.65it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 24ms/step

 23%|■■              | 2261/10000 [02:45<10:42, 12.05it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 21ms/step

 23%|■■              | 2263/10000 [02:45<10:38, 12.12it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step

 23%|██            | 2265/10000 [02:45<10:34, 12.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 23ms/step

 23%|██            | 2267/10000 [02:45<10:14, 12.58it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2269/10000 [02:46<10:06, 12.75it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 22ms/step

 23%|██            | 2271/10000 [02:46<09:56, 12.96it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2273/10000 [02:46<10:16, 12.54it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 23%|██            | 2275/10000 [02:46<10:14, 12.58it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 22ms/step

 23%|██            | 2277/10000 [02:46<09:58, 12.91it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

 23%|██            | 2279/10000 [02:46<09:54, 12.99it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2281/10000 [02:46<09:53, 13.00it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 23%|██            | 2283/10000 [02:47<09:59, 12.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 19ms/step

 23%|██            | 2285/10000 [02:47<10:04, 12.76it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2287/10000 [02:47<09:51, 13.05it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

  23%|██            | 2289/10000 [02:47<10:08, 12.67it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2291/10000 [02:47<10:02, 12.80it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2293/10000 [02:47<10:17, 12.48it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2295/10000 [02:48<10:09, 12.64it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

  23%|██            | 2297/10000 [02:48<10:12, 12.58it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 23ms/step

  23%|██            | 2299/10000 [02:48<10:05, 12.73it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2301/10000 [02:48<09:43, 13.19it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 19ms/step

  23%|██            | 2303/10000 [02:48<09:54, 12.95it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

  23%|██            | 2305/10000 [02:48<09:50, 13.03it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

  23%|██            | 2307/10000 [02:48<09:57, 12.88it/s]
```

```
1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 23ms/step

  23%|██            | 2309/10000 [02:49<09:52, 12.99it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  23%|██            | 2311/10000 [02:49<09:53, 12.95it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  23%|██            | 2313/10000 [02:49<09:41, 13.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2315/10000 [02:49<09:46, 13.09it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step

  23%|██            | 2317/10000 [02:49<09:51, 12.98it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2319/10000 [02:49<09:55, 12.90it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  23%|██            | 2321/10000 [02:50<09:58, 12.82it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  23%|██            | 2323/10000 [02:50<09:53, 12.94it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 22ms/step

  23%|██            | 2325/10000 [02:50<10:00, 12.79it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 29ms/step

  23%|██            | 2327/10000 [02:50<09:55, 12.89it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 20ms/step

  23%|██            | 2329/10000 [02:50<10:31, 12.16it/s]
```

```
1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

 23%|██            | 2331/10000 [02:50<10:02, 12.73it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2333/10000 [02:51<09:55, 12.88it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

 23%|██            | 2335/10000 [02:51<10:07, 12.62it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2337/10000 [02:51<10:09, 12.58it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2339/10000 [02:51<10:10, 12.55it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 30ms/step

 23%|██            | 2341/10000 [02:51<10:04, 12.67it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 23%|██            | 2343/10000 [02:51<10:11, 12.53it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

 23%|██            | 2345/10000 [02:51<10:20, 12.34it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

 23%|██            | 2347/10000 [02:52<10:06, 12.62it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

 23%|██            | 2349/10000 [02:52<10:12, 12.50it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██            | 2351/10000 [02:52<10:11, 12.50it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step

 24%|██          | 2353/10000 [02:52<10:05, 12.62it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██          | 2355/10000 [02:52<10:09, 12.53it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 19ms/step

 24%|██          | 2357/10000 [02:52<10:09, 12.55it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██          | 2359/10000 [02:53<10:05, 12.61it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██          | 2361/10000 [02:53<10:07, 12.57it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 22ms/step

 24%|██          | 2363/10000 [02:53<10:16, 12.39it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██          | 2365/10000 [02:53<09:52, 12.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 24%|██          | 2367/10000 [02:53<09:40, 13.15it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██          | 2369/10000 [02:53<09:30, 13.38it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 22ms/step

 24%|██          | 2371/10000 [02:53<09:23, 13.54it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 24ms/step

 24%|██          | 2373/10000 [02:54<09:23, 13.53it/s]
```

```
1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 25ms/step

  24%|██            | 2375/10000 [02:54<09:14, 13.74it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

  24%|██            | 2377/10000 [02:54<09:04, 14.01it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step

  24%|██            | 2379/10000 [02:54<09:11, 13.82it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 41ms/step

  24%|██            | 2381/10000 [02:54<09:35, 13.23it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 27ms/step

  24%|██            | 2383/10000 [02:54<09:53, 12.84it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 41ms/step

  24%|██            | 2385/10000 [02:55<10:35, 11.98it/s]

1/1 [==============================] - 0s 64ms/step
1/1 [==============================] - 0s 34ms/step

  24%|██            | 2387/10000 [02:55<11:33, 10.98it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 45ms/step

  24%|██            | 2389/10000 [02:55<12:34, 10.08it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 47ms/step

  24%|██            | 2391/10000 [02:55<13:08,  9.65it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 44ms/step

  24%|██            | 2393/10000 [02:55<13:02,  9.72it/s]

1/1 [==============================] - 0s 44ms/step

  24%|██            | 2394/10000 [02:56<13:01,  9.73it/s]

1/1 [==============================] - 0s 43ms/step
```

```
 24%|██            | 2395/10000 [02:56<13:07,  9.66it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step
 24%|██            | 2397/10000 [02:56<12:45,  9.94it/s]

1/1 [==============================] - 0s 49ms/step
 24%|██            | 2398/10000 [02:56<13:19,  9.51it/s]

1/1 [==============================] - 0s 44ms/step
 24%|██            | 2399/10000 [02:56<13:36,  9.31it/s]

1/1 [==============================] - 0s 42ms/step
 24%|██            | 2400/10000 [02:56<13:32,  9.35it/s]

1/1 [==============================] - 0s 43ms/step
 24%|██            | 2401/10000 [02:56<13:28,  9.39it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
 24%|██            | 2403/10000 [02:56<12:13, 10.36it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 40ms/step
 24%|██            | 2405/10000 [02:57<11:58, 10.57it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step
 24%|██            | 2407/10000 [02:57<11:31, 10.98it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 44ms/step
 24%|██            | 2409/10000 [02:57<12:06, 10.45it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 58ms/step
 24%|██            | 2411/10000 [02:57<12:24, 10.19it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 45ms/step
 24%|██            | 2413/10000 [02:57<13:10,  9.60it/s]

1/1 [==============================] - 0s 47ms/step
```

```
 24%|██              | 2414/10000 [02:58<13:45,  9.19it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

 24%|██              | 2416/10000 [02:58<12:40,  9.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

 24%|██              | 2418/10000 [02:58<11:49, 10.68it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step

 24%|██              | 2420/10000 [02:58<11:35, 10.90it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 24%|██              | 2422/10000 [02:58<11:11, 11.28it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 24%|██              | 2424/10000 [02:58<11:22, 11.10it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 21ms/step

 24%|██              | 2426/10000 [02:59<11:01, 11.46it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

 24%|██              | 2428/10000 [02:59<10:45, 11.74it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██              | 2430/10000 [02:59<10:17, 12.26it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step

 24%|██              | 2432/10000 [02:59<10:11, 12.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 18ms/step

 24%|██              | 2434/10000 [02:59<09:57, 12.66it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 24%|██              | 2436/10000 [02:59<09:45, 12.91it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 24ms/step
 24%|██              | 2438/10000 [03:00<09:34, 13.16it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step
 24%|██              | 2440/10000 [03:00<09:26, 13.34it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 21ms/step
 24%|██              | 2442/10000 [03:00<09:52, 12.76it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 27ms/step
 24%|██              | 2444/10000 [03:00<10:03, 12.53it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step
 24%|██              | 2446/10000 [03:00<09:53, 12.72it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 21ms/step
 24%|██              | 2448/10000 [03:00<09:54, 12.69it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step
 24%|██              | 2450/10000 [03:01<10:02, 12.52it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 21ms/step
 25%|██              | 2452/10000 [03:01<10:17, 12.23it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step
 25%|██              | 2454/10000 [03:01<10:15, 12.26it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 22ms/step
 25%|██              | 2456/10000 [03:01<10:01, 12.55it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 21ms/step
```

```
 25%|██          | 2458/10000 [03:01<10:02, 12.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step
 25%|██          | 2460/10000 [03:01<09:48, 12.80it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 25%|██          | 2462/10000 [03:01<09:58, 12.59it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step
 25%|██          | 2464/10000 [03:02<10:05, 12.44it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 24ms/step
 25%|██          | 2466/10000 [03:02<10:01, 12.53it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 20ms/step
 25%|██          | 2468/10000 [03:02<10:05, 12.43it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step
 25%|██          | 2470/10000 [03:02<09:57, 12.60it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 26ms/step
 25%|██          | 2472/10000 [03:02<09:46, 12.84it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step
 25%|██          | 2474/10000 [03:02<09:37, 13.03it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 19ms/step
 25%|██          | 2476/10000 [03:03<09:59, 12.56it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 22ms/step
 25%|██          | 2478/10000 [03:03<09:50, 12.74it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step
```

```
 25%|██          | 2480/10000 [03:03<09:43, 12.89it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 26ms/step

 25%|██          | 2482/10000 [03:03<09:36, 13.03it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██          | 2484/10000 [03:03<09:23, 13.34it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██          | 2486/10000 [03:03<09:33, 13.09it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██          | 2488/10000 [03:03<09:25, 13.28it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 21ms/step

 25%|██          | 2490/10000 [03:04<09:36, 13.03it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

 25%|██          | 2492/10000 [03:04<09:33, 13.09it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██          | 2494/10000 [03:04<09:07, 13.70it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

 25%|██          | 2496/10000 [03:04<09:20, 13.38it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██          | 2498/10000 [03:04<09:03, 13.79it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 20ms/step

 25%|██          | 2500/10000 [03:04<09:14, 13.53it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step
```

```
 25%|██          | 2502/10000 [03:05<09:11, 13.59it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 20ms/step
 25%|██          | 2504/10000 [03:05<09:27, 13.20it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step
 25%|██          | 2506/10000 [03:05<09:21, 13.35it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step
 25%|██          | 2508/10000 [03:05<09:30, 13.14it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step
 25%|██          | 2510/10000 [03:05<09:17, 13.43it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 21ms/step
 25%|██          | 2512/10000 [03:05<09:21, 13.35it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 19ms/step
 25%|██          | 2514/10000 [03:05<09:21, 13.33it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 25%|██          | 2516/10000 [03:06<09:25, 13.24it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 18ms/step
 25%|██          | 2518/10000 [03:06<09:12, 13.55it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step
 25%|██          | 2520/10000 [03:06<09:24, 13.26it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step
 25%|██          | 2522/10000 [03:06<09:26, 13.20it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step
```

```
 25%|██              | 2524/10000 [03:06<09:28, 13.15it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

 25%|██              | 2526/10000 [03:06<09:23, 13.26it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step

 25%|██              | 2528/10000 [03:06<09:22, 13.29it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██              | 2530/10000 [03:07<09:45, 12.77it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 25%|██              | 2532/10000 [03:07<09:28, 13.14it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step

 25%|██              | 2534/10000 [03:07<09:13, 13.48it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██              | 2536/10000 [03:07<08:55, 13.95it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██              | 2538/10000 [03:07<09:20, 13.32it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

 25%|██              | 2540/10000 [03:07<09:13, 13.47it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 19ms/step

 25%|██              | 2542/10000 [03:08<09:07, 13.61it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

 25%|██              | 2544/10000 [03:08<09:25, 13.19it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 25%|██              | 2546/10000 [03:08<09:46, 12.72it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
 25%|██              | 2548/10000 [03:08<10:07, 12.26it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 44ms/step
 26%|██              | 2550/10000 [03:08<10:35, 11.72it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 48ms/step
 26%|██              | 2552/10000 [03:08<12:02, 10.31it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step
 26%|██              | 2554/10000 [03:09<12:15, 10.13it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 37ms/step
 26%|██              | 2556/10000 [03:09<12:11, 10.18it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step
 26%|██              | 2558/10000 [03:09<11:40, 10.62it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 26%|██              | 2560/10000 [03:09<11:11, 11.07it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step
 26%|██              | 2562/10000 [03:09<11:12, 11.06it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 62ms/step
 26%|██              | 2564/10000 [03:10<12:34,  9.85it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 61ms/step
 26%|██              | 2566/10000 [03:10<13:18,  9.31it/s]

1/1 [==============================] - 0s 30ms/step
 26%|██              | 2567/10000 [03:10<13:13,  9.37it/s]
```

```
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

 26%|██              | 2569/10000 [03:10<12:48,  9.66it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 27ms/step

 26%|██              | 2571/10000 [03:10<12:25,  9.97it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 26%|██              | 2573/10000 [03:11<11:57, 10.36it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 65ms/step

 26%|██              | 2575/10000 [03:11<12:05, 10.23it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 32ms/step

 26%|██              | 2577/10000 [03:11<12:14, 10.10it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 38ms/step

 26%|██              | 2579/10000 [03:11<12:44,  9.71it/s]

1/1 [==============================] - 0s 58ms/step

 26%|██              | 2580/10000 [03:11<13:14,  9.34it/s]

1/1 [==============================] - 0s 34ms/step

 26%|██              | 2581/10000 [03:11<13:04,  9.46it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

 26%|██              | 2583/10000 [03:12<12:23,  9.98it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

 26%|██              | 2585/10000 [03:12<11:36, 10.64it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 26%|██              | 2587/10000 [03:12<10:57, 11.28it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step
```

```
 26%|██            | 2589/10000 [03:12<10:26, 11.83it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 21ms/step
 26%|██            | 2591/10000 [03:12<10:05, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step
 26%|██            | 2593/10000 [03:12<09:52, 12.51it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step
 26%|██            | 2595/10000 [03:12<09:39, 12.77it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 18ms/step
 26%|██            | 2597/10000 [03:13<09:16, 13.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 26%|██            | 2599/10000 [03:13<09:16, 13.29it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step
 26%|██            | 2601/10000 [03:13<09:06, 13.55it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 23ms/step
 26%|██            | 2603/10000 [03:13<09:00, 13.68it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 18ms/step
 26%|██            | 2605/10000 [03:13<08:56, 13.77it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 18ms/step
 26%|██            | 2607/10000 [03:13<08:52, 13.89it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 19ms/step
 26%|██            | 2609/10000 [03:13<08:56, 13.78it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 18ms/step
```

```
 26%|██          | 2611/10000 [03:14<08:52, 13.87it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 33ms/step

 26%|██          | 2613/10000 [03:14<08:57, 13.74it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 18ms/step

 26%|██          | 2615/10000 [03:14<08:53, 13.85it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 18ms/step

 26%|██          | 2617/10000 [03:14<09:04, 13.57it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

 26%|██          | 2619/10000 [03:14<09:02, 13.60it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 18ms/step

 26%|██          | 2621/10000 [03:14<08:57, 13.74it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 20ms/step

 26%|██          | 2623/10000 [03:15<08:55, 13.77it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 21ms/step

 26%|██          | 2625/10000 [03:15<09:08, 13.44it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 21ms/step

 26%|██          | 2627/10000 [03:15<09:27, 13.00it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 26%|██          | 2629/10000 [03:15<09:26, 13.00it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

 26%|██          | 2631/10000 [03:15<09:27, 12.99it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 20ms/step
```

```
  26%|██          | 2633/10000 [03:15<09:15, 13.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  26%|██          | 2635/10000 [03:15<09:32, 12.87it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 19ms/step
  26%|██          | 2637/10000 [03:16<09:21, 13.11it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 18ms/step
  26%|██          | 2639/10000 [03:16<09:06, 13.46it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step
  26%|██          | 2641/10000 [03:16<09:09, 13.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 18ms/step
  26%|██          | 2643/10000 [03:16<09:11, 13.34it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step
  26%|██          | 2645/10000 [03:16<09:05, 13.48it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 21ms/step
  26%|██          | 2647/10000 [03:16<09:21, 13.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 18ms/step
  26%|██          | 2649/10000 [03:16<09:06, 13.46it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  27%|██          | 2651/10000 [03:17<09:12, 13.30it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 19ms/step
  27%|██          | 2653/10000 [03:17<09:10, 13.33it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 22ms/step
```

```
 27%|██          | 2655/10000 [03:17<09:27, 12.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 19ms/step

 27%|██          | 2657/10000 [03:17<09:19, 13.12it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 20ms/step

 27%|██          | 2659/10000 [03:17<09:34, 12.78it/s]

1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 18ms/step

 27%|██          | 2661/10000 [03:17<09:08, 13.37it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 22ms/step

 27%|██          | 2663/10000 [03:18<09:10, 13.33it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 27%|██          | 2665/10000 [03:18<09:14, 13.22it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

 27%|██          | 2667/10000 [03:18<09:11, 13.29it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 23ms/step

 27%|██          | 2669/10000 [03:18<09:04, 13.47it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 19ms/step

 27%|██          | 2671/10000 [03:18<09:14, 13.22it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 18ms/step

 27%|██          | 2673/10000 [03:18<09:07, 13.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

 27%|██          | 2675/10000 [03:18<09:04, 13.45it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 20ms/step
```

```
 27%|██          | 2677/10000 [03:19<09:03, 13.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 22ms/step

 27%|██          | 2679/10000 [03:19<09:05, 13.42it/s]

1/1 [==============================] - 0s 22ms/step
1/1 [==============================] - 0s 24ms/step

 27%|██          | 2681/10000 [03:19<09:04, 13.44it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 18ms/step

 27%|██          | 2683/10000 [03:19<09:16, 13.15it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

 27%|██          | 2685/10000 [03:19<09:05, 13.41it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 19ms/step

 27%|██          | 2687/10000 [03:19<09:09, 13.32it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 26ms/step

 27%|██          | 2689/10000 [03:20<09:24, 12.94it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

 27%|██          | 2691/10000 [03:20<09:26, 12.90it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 21ms/step

 27%|██          | 2693/10000 [03:20<09:19, 13.07it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

 27%|██          | 2695/10000 [03:20<09:22, 12.99it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 24ms/step

 27%|██          | 2697/10000 [03:20<09:21, 13.01it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 19ms/step
```

```
 27%|██         | 2699/10000 [03:20<09:45, 12.47it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 20ms/step
 27%|██         | 2701/10000 [03:20<09:38, 12.61it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 18ms/step
 27%|██         | 2703/10000 [03:21<09:31, 12.77it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 23ms/step
 27%|██         | 2705/10000 [03:21<09:33, 12.72it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step
 27%|██         | 2707/10000 [03:21<09:18, 13.06it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 22ms/step
 27%|██         | 2709/10000 [03:21<09:28, 12.83it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step
 27%|██         | 2711/10000 [03:21<09:33, 12.71it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 23ms/step
 27%|██         | 2713/10000 [03:21<09:25, 12.88it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step
 27%|██         | 2715/10000 [03:22<09:40, 12.55it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 34ms/step
 27%|██         | 2717/10000 [03:22<10:21, 11.73it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 33ms/step
 27%|██         | 2719/10000 [03:22<10:42, 11.34it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 52ms/step
```

```
 27%|██          | 2721/10000 [03:22<11:32, 10.51it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step
 27%|██          | 2723/10000 [03:22<11:10, 10.86it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 66ms/step
 27%|██          | 2725/10000 [03:23<11:54, 10.18it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 31ms/step
 27%|██          | 2727/10000 [03:23<11:53, 10.20it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 35ms/step
 27%|██          | 2729/10000 [03:23<12:28,  9.72it/s]

1/1 [==============================] - 0s 42ms/step
 27%|██          | 2730/10000 [03:23<12:32,  9.66it/s]

1/1 [==============================] - 0s 50ms/step
 27%|██          | 2731/10000 [03:23<12:49,  9.44it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 50ms/step
 27%|██          | 2733/10000 [03:23<12:36,  9.60it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step
 27%|██          | 2735/10000 [03:24<12:30,  9.68it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step
 27%|██          | 2737/10000 [03:24<12:07,  9.98it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 41ms/step
 27%|██          | 2739/10000 [03:24<11:51, 10.20it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 38ms/step
 27%|██          | 2741/10000 [03:24<11:58, 10.11it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 53ms/step

  27%|██          | 2743/10000 [03:24<12:13,  9.90it/s]

1/1 [==============================] - 0s 50ms/step

  27%|██          | 2744/10000 [03:25<12:26,  9.72it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

  27%|██          | 2746/10000 [03:25<12:09,  9.94it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

  27%|██          | 2748/10000 [03:25<11:31, 10.49it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  28%|██          | 2750/10000 [03:25<10:55, 11.06it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 31ms/step

  28%|██          | 2752/10000 [03:25<10:52, 11.11it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 27ms/step

  28%|██          | 2754/10000 [03:25<10:38, 11.35it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  28%|██          | 2756/10000 [03:26<10:14, 11.78it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

  28%|██          | 2758/10000 [03:26<09:58, 12.11it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

  28%|██          | 2760/10000 [03:26<09:58, 12.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 20ms/step

  28%|██          | 2762/10000 [03:26<09:38, 12.52it/s]
```

```
1/1 [==============================] - 0s 18ms/step
1/1 [==============================] - 0s 24ms/step

 28%|██           | 2764/10000 [03:26<09:16, 12.99it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 28%|██           | 2766/10000 [03:26<09:17, 12.98it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

 28%|██           | 2768/10000 [03:26<09:03, 13.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

 28%|██           | 2770/10000 [03:27<09:11, 13.11it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 23ms/step

 28%|██           | 2772/10000 [03:27<09:05, 13.25it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 18ms/step

 28%|██           | 2774/10000 [03:27<08:55, 13.48it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 19ms/step

 28%|██           | 2776/10000 [03:27<08:50, 13.62it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

 28%|██           | 2778/10000 [03:27<09:19, 12.90it/s]

1/1 [==============================] - 0s 21ms/step
1/1 [==============================] - 0s 23ms/step

 28%|██           | 2780/10000 [03:27<08:59, 13.37it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 24ms/step

 28%|██           | 2782/10000 [03:27<09:01, 13.33it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

 28%|██           | 2784/10000 [03:28<08:53, 13.53it/s]
```

```
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 18ms/step

  28%|██           | 2786/10000 [03:28<08:54, 13.49it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██           | 2788/10000 [03:28<08:55, 13.46it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██           | 2790/10000 [03:28<08:48, 13.65it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  28%|██           | 2792/10000 [03:28<08:53, 13.51it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 20ms/step

  28%|██           | 2794/10000 [03:28<08:57, 13.41it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 21ms/step

  28%|██           | 2796/10000 [03:29<09:04, 13.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  28%|██           | 2798/10000 [03:29<08:54, 13.48it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██           | 2800/10000 [03:29<08:45, 13.69it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██           | 2802/10000 [03:29<08:56, 13.41it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 20ms/step

  28%|██           | 2804/10000 [03:29<08:53, 13.50it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 24ms/step

  28%|██           | 2806/10000 [03:29<09:07, 13.14it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  28%|██            | 2808/10000 [03:29<09:04, 13.21it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step

  28%|██            | 2810/10000 [03:30<09:02, 13.25it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

  28%|██            | 2812/10000 [03:30<09:15, 12.94it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██            | 2814/10000 [03:30<09:36, 12.46it/s]

1/1 [==============================] - 0s 20ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██            | 2816/10000 [03:30<09:06, 13.14it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██            | 2818/10000 [03:30<09:06, 13.13it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██            | 2820/10000 [03:30<09:21, 12.78it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 18ms/step

  28%|██            | 2822/10000 [03:31<09:14, 12.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

  28%|██            | 2824/10000 [03:31<09:16, 12.89it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 21ms/step

  28%|██            | 2826/10000 [03:31<09:05, 13.15it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  28%|██            | 2828/10000 [03:31<09:11, 13.01it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 21ms/step

  28%|██          | 2830/10000 [03:31<09:15, 12.90it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

  28%|██          | 2832/10000 [03:31<09:48, 12.18it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 20ms/step

  28%|██          | 2834/10000 [03:31<09:49, 12.15it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 25ms/step

  28%|██          | 2836/10000 [03:32<09:59, 11.95it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

  28%|██          | 2838/10000 [03:32<09:39, 12.36it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 19ms/step

  28%|██          | 2840/10000 [03:32<09:21, 12.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  28%|██          | 2842/10000 [03:32<09:16, 12.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 21ms/step

  28%|██          | 2844/10000 [03:32<09:04, 13.13it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 22ms/step

  28%|██          | 2846/10000 [03:32<09:06, 13.09it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  28%|██          | 2848/10000 [03:33<09:09, 13.03it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

  28%|██          | 2850/10000 [03:33<09:07, 13.07it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

  29%|██          | 2852/10000 [03:33<09:01, 13.21it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 18ms/step

  29%|██          | 2854/10000 [03:33<09:13, 12.90it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 24ms/step

  29%|██          | 2856/10000 [03:33<09:00, 13.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 21ms/step

  29%|██          | 2858/10000 [03:33<08:59, 13.24it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 19ms/step

  29%|██          | 2860/10000 [03:33<09:14, 12.87it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  29%|██          | 2862/10000 [03:34<08:57, 13.29it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  29%|██          | 2864/10000 [03:34<08:44, 13.61it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  29%|██          | 2866/10000 [03:34<08:38, 13.76it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  29%|██          | 2868/10000 [03:34<08:42, 13.65it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  29%|██          | 2870/10000 [03:34<08:39, 13.72it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 23ms/step

  29%|██          | 2872/10000 [03:34<08:50, 13.44it/s]
```

```
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 24ms/step

 29%|██        | 2874/10000 [03:34<08:52, 13.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 23ms/step

 29%|██        | 2876/10000 [03:35<08:46, 13.53it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

 29%|██        | 2878/10000 [03:35<09:05, 13.06it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 41ms/step

 29%|██        | 2880/10000 [03:35<09:46, 12.13it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 33ms/step

 29%|██        | 2882/10000 [03:35<10:10, 11.66it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 27ms/step

 29%|██        | 2884/10000 [03:35<11:03, 10.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 29%|██        | 2886/10000 [03:36<10:35, 11.19it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 29%|██        | 2888/10000 [03:36<10:18, 11.49it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 26ms/step

 29%|██        | 2890/10000 [03:36<10:29, 11.29it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 29%|██        | 2892/10000 [03:36<09:47, 12.09it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 29%|██        | 2894/10000 [03:36<09:35, 12.35it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  29%|██              | 2896/10000 [03:36<09:17, 12.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  29%|██              | 2898/10000 [03:37<09:38, 12.28it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 30ms/step

  29%|██              | 2900/10000 [03:37<10:29, 11.28it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 40ms/step

  29%|██              | 2902/10000 [03:37<10:54, 10.84it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 43ms/step

  29%|██              | 2904/10000 [03:37<11:18, 10.46it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  29%|██              | 2906/10000 [03:37<11:21, 10.41it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 39ms/step

  29%|██              | 2908/10000 [03:38<11:12, 10.55it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 38ms/step

  29%|██              | 2910/10000 [03:38<11:20, 10.42it/s]

1/1 [==============================] - 0s 62ms/step
1/1 [==============================] - 0s 41ms/step

  29%|██              | 2912/10000 [03:38<12:19,  9.58it/s]

1/1 [==============================] - 0s 62ms/step

  29%|██              | 2913/10000 [03:38<12:54,  9.15it/s]

1/1 [==============================] - 0s 40ms/step

  29%|██              | 2914/10000 [03:38<13:01,  9.07it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 29%|██            | 2916/10000 [03:38<11:51,  9.95it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 29%|██            | 2918/10000 [03:39<10:36, 11.12it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step
 29%|██            | 2920/10000 [03:39<10:40, 11.06it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step
 29%|██            | 2922/10000 [03:39<10:13, 11.53it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 29%|██            | 2924/10000 [03:39<09:49, 12.01it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step
 29%|██            | 2926/10000 [03:39<09:33, 12.33it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step
 29%|██            | 2928/10000 [03:39<09:23, 12.55it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step
 29%|██            | 2930/10000 [03:40<16:46,  7.02it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 30ms/step
 29%|██            | 2932/10000 [03:40<14:29,  8.12it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step
 29%|██            | 2934/10000 [03:40<12:53,  9.13it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
 29%|██            | 2936/10000 [03:40<11:54,  9.88it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 29%|██         | 2938/10000 [03:41<11:23, 10.34it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 25ms/step

 29%|██         | 2940/10000 [03:41<10:53, 10.80it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 23ms/step

 29%|██         | 2942/10000 [03:41<10:21, 11.36it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 24ms/step

 29%|██         | 2944/10000 [03:41<10:23, 11.32it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 23ms/step

 29%|██         | 2946/10000 [03:41<09:54, 11.86it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

 29%|██         | 2948/10000 [03:41<10:05, 11.64it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step

 30%|██         | 2950/10000 [03:42<09:52, 11.89it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 30%|██         | 2952/10000 [03:42<09:54, 11.85it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

 30%|██         | 2954/10000 [03:42<09:49, 11.96it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 24ms/step

 30%|██         | 2956/10000 [03:42<09:51, 11.90it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 23ms/step

 30%|██         | 2958/10000 [03:42<09:53, 11.86it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 23ms/step
```

```
  30%|██          | 2960/10000 [03:42<09:44, 12.05it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 23ms/step

  30%|██          | 2962/10000 [03:43<09:42, 12.07it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

  30%|██          | 2964/10000 [03:43<09:37, 12.18it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 24ms/step

  30%|██          | 2966/10000 [03:43<09:48, 11.96it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 24ms/step

  30%|██          | 2968/10000 [03:43<09:38, 12.15it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  30%|██          | 2970/10000 [03:43<09:47, 11.96it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  30%|██          | 2972/10000 [03:43<09:43, 12.05it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 23ms/step

  30%|██          | 2974/10000 [03:44<09:59, 11.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  30%|██          | 2976/10000 [03:44<09:48, 11.94it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  30%|██          | 2978/10000 [03:44<09:59, 11.71it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  30%|██          | 2980/10000 [03:44<09:52, 11.85it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 23ms/step
```

```
 30%|██          | 2982/10000 [03:44<09:53, 11.82it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step
 30%|██          | 2984/10000 [03:44<09:52, 11.83it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 25ms/step
 30%|██          | 2986/10000 [03:45<09:45, 11.98it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step
 30%|██          | 2988/10000 [03:45<09:36, 12.16it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 29ms/step
 30%|██          | 2990/10000 [03:45<09:58, 11.72it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 23ms/step
 30%|██          | 2992/10000 [03:45<10:05, 11.58it/s]

1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 25ms/step
 30%|██          | 2994/10000 [03:45<09:45, 11.96it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 28ms/step
 30%|██          | 2996/10000 [03:45<09:41, 12.04it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step
 30%|██          | 2998/10000 [03:46<09:47, 11.92it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step
 30%|██          | 3000/10000 [03:46<09:56, 11.74it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 24ms/step
 30%|██          | 3002/10000 [03:46<10:05, 11.56it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 30%|██        | 3004/10000 [03:46<09:52, 11.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
 30%|██        | 3006/10000 [03:46<09:51, 11.83it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 22ms/step
 30%|██        | 3008/10000 [03:46<09:44, 11.96it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 25ms/step
 30%|██        | 3010/10000 [03:47<09:56, 11.72it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 22ms/step
 30%|██        | 3012/10000 [03:47<09:39, 12.06it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step
 30%|██        | 3014/10000 [03:47<09:41, 12.02it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 22ms/step
 30%|██        | 3016/10000 [03:47<09:32, 12.19it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 22ms/step
 30%|██        | 3018/10000 [03:47<09:18, 12.50it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 23ms/step
 30%|██        | 3020/10000 [03:47<09:23, 12.38it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 23ms/step
 30%|██        | 3022/10000 [03:48<09:09, 12.71it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 21ms/step
 30%|██        | 3024/10000 [03:48<09:02, 12.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 23ms/step
```

```
30%|██        | 3026/10000 [03:48<08:52, 13.10it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

30%|██        | 3028/10000 [03:48<09:11, 12.64it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 22ms/step

30%|██        | 3030/10000 [03:48<09:16, 12.53it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 22ms/step

30%|██        | 3032/10000 [03:48<09:11, 12.64it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 38ms/step

30%|██        | 3034/10000 [03:48<09:37, 12.06it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

30%|██        | 3036/10000 [03:49<10:27, 11.10it/s]

1/1 [==============================] - 0s 68ms/step
1/1 [==============================] - 0s 35ms/step

30%|██        | 3038/10000 [03:49<11:30, 10.08it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 63ms/step

30%|██        | 3040/10000 [03:49<11:26, 10.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

30%|██        | 3042/10000 [03:49<10:44, 10.80it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 53ms/step

30%|██        | 3044/10000 [03:50<11:45,  9.86it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 42ms/step

30%|██        | 3046/10000 [03:50<11:58,  9.67it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 45ms/step
```

```
30%|██        | 3048/10000 [03:50<11:45,  9.86it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step
30%|██        | 3050/10000 [03:50<11:20, 10.21it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 42ms/step
31%|██        | 3052/10000 [03:50<11:47,  9.83it/s]

1/1 [==============================] - 0s 55ms/step
31%|██        | 3053/10000 [03:50<12:09,  9.53it/s]

1/1 [==============================] - 0s 42ms/step
31%|██        | 3054/10000 [03:51<12:31,  9.24it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 36ms/step
31%|██        | 3056/10000 [03:51<11:48,  9.80it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 31ms/step
31%|██        | 3058/10000 [03:51<11:12, 10.32it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 29ms/step
31%|██        | 3060/10000 [03:51<10:58, 10.54it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step
31%|██        | 3062/10000 [03:51<10:49, 10.69it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step
31%|██        | 3064/10000 [03:51<10:08, 11.39it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 57ms/step
31%|██        | 3066/10000 [03:52<11:02, 10.47it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
31%|██        | 3068/10000 [03:52<10:29, 11.01it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

 31%|██          | 3070/10000 [03:52<09:49, 11.76it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 36ms/step

 31%|██          | 3072/10000 [03:52<10:02, 11.50it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 31%|██          | 3074/10000 [03:52<09:30, 12.14it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

 31%|██          | 3076/10000 [03:52<09:14, 12.50it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

 31%|██          | 3078/10000 [03:53<09:16, 12.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 31%|██          | 3080/10000 [03:53<09:21, 12.33it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 31%|██          | 3082/10000 [03:53<09:07, 12.65it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 31%|██          | 3084/10000 [03:53<09:11, 12.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 31%|██          | 3086/10000 [03:53<09:12, 12.52it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 31%|██          | 3088/10000 [03:53<09:14, 12.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

 31%|██          | 3090/10000 [03:54<09:13, 12.47it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  31%|██          | 3092/10000 [03:54<09:14, 12.46it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  31%|██          | 3094/10000 [03:54<08:54, 12.92it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  31%|██          | 3096/10000 [03:54<08:46, 13.10it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

  31%|██          | 3098/10000 [03:54<09:03, 12.69it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  31%|██          | 3100/10000 [03:54<08:48, 13.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  31%|██          | 3102/10000 [03:55<08:36, 13.37it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  31%|██          | 3104/10000 [03:55<08:42, 13.19it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  31%|██          | 3106/10000 [03:55<08:31, 13.48it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step

  31%|██          | 3108/10000 [03:55<08:54, 12.90it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  31%|██          | 3110/10000 [03:55<08:54, 12.89it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  31%|██          | 3112/10000 [03:55<08:48, 13.02it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  31%|██            | 3114/10000 [03:55<08:45, 13.09it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  31%|██            | 3116/10000 [03:56<08:45, 13.10it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 18ms/step

  31%|██            | 3118/10000 [03:56<08:47, 13.06it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 19ms/step

  31%|██            | 3120/10000 [03:56<09:00, 12.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 21ms/step

  31%|██            | 3122/10000 [03:56<08:33, 13.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

  31%|██            | 3124/10000 [03:56<08:43, 13.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  31%|██            | 3126/10000 [03:56<08:48, 13.00it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  31%|██            | 3128/10000 [03:56<08:34, 13.37it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 19ms/step

  31%|██            | 3130/10000 [03:57<08:38, 13.25it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  31%|██            | 3132/10000 [03:57<08:40, 13.19it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 21ms/step

  31%|██            | 3134/10000 [03:57<08:49, 12.97it/s]
```

```
1/1 [==============================] - 0s 23ms/step
1/1 [==============================] - 0s 27ms/step

 31%|██          | 3136/10000 [03:57<08:50, 12.93it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 23ms/step

 31%|██          | 3138/10000 [03:57<08:57, 12.77it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 18ms/step

 31%|██          | 3140/10000 [03:57<08:49, 12.96it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 23ms/step

 31%|██          | 3142/10000 [03:58<08:41, 13.15it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 20ms/step

 31%|██          | 3144/10000 [03:58<08:52, 12.87it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 31%|██          | 3146/10000 [03:58<08:47, 12.99it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 25ms/step

 31%|██          | 3148/10000 [03:58<08:51, 12.90it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 22ms/step

 32%|██          | 3150/10000 [03:58<08:36, 13.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 32%|██          | 3152/10000 [03:58<08:52, 12.87it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 22ms/step

 32%|██          | 3154/10000 [03:58<08:51, 12.89it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 32%|██          | 3156/10000 [03:59<08:42, 13.09it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 18ms/step

  32%|██            | 3158/10000 [03:59<08:59, 12.69it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 21ms/step

  32%|██            | 3160/10000 [03:59<08:59, 12.69it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 23ms/step

  32%|██            | 3162/10000 [03:59<09:07, 12.48it/s]

1/1 [==============================] - 0s 19ms/step
1/1 [==============================] - 0s 23ms/step

  32%|██            | 3164/10000 [03:59<08:56, 12.74it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  32%|██            | 3166/10000 [03:59<08:51, 12.86it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  32%|██            | 3168/10000 [04:00<08:31, 13.37it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  32%|██            | 3170/10000 [04:00<08:32, 13.34it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██            | 3172/10000 [04:00<08:19, 13.67it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██            | 3174/10000 [04:00<08:21, 13.62it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██            | 3176/10000 [04:00<08:12, 13.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 41ms/step

  32%|██            | 3178/10000 [04:00<08:35, 13.23it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 37ms/step

 32%|██          | 3180/10000 [04:00<09:01, 12.59it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 32%|██          | 3182/10000 [04:01<08:44, 13.00it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 32%|██          | 3184/10000 [04:01<08:39, 13.11it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 32%|██          | 3186/10000 [04:01<08:27, 13.43it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 20ms/step

 32%|██          | 3188/10000 [04:01<08:43, 13.02it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 23ms/step

 32%|██          | 3190/10000 [04:01<08:33, 13.25it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 32%|██          | 3192/10000 [04:01<08:42, 13.02it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

 32%|██          | 3194/10000 [04:02<08:42, 13.01it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 42ms/step

 32%|██          | 3196/10000 [04:02<09:18, 12.19it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 60ms/step

 32%|██          | 3198/10000 [04:02<10:12, 11.11it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 42ms/step

 32%|██          | 3200/10000 [04:02<11:01, 10.27it/s]
```

```
1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 38ms/step

  32%|██          | 3202/10000 [04:02<11:15, 10.07it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  32%|██          | 3204/10000 [04:03<10:46, 10.51it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██          | 3206/10000 [04:03<10:00, 11.32it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 36ms/step

  32%|██          | 3208/10000 [04:03<09:41, 11.68it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  32%|██          | 3210/10000 [04:03<09:29, 11.93it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██          | 3212/10000 [04:03<09:09, 12.36it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  32%|██          | 3214/10000 [04:03<09:01, 12.53it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 54ms/step

  32%|██          | 3216/10000 [04:04<09:51, 11.48it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 38ms/step

  32%|██          | 3218/10000 [04:04<10:24, 10.86it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 42ms/step

  32%|██          | 3220/10000 [04:04<10:17, 10.99it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██          | 3222/10000 [04:04<10:03, 11.23it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██            | 3224/10000 [04:04<09:42, 11.64it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██            | 3226/10000 [04:04<09:15, 12.20it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 49ms/step

  32%|██            | 3228/10000 [04:05<10:57, 10.29it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 52ms/step

  32%|██            | 3230/10000 [04:05<11:25,  9.88it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step

  32%|██            | 3232/10000 [04:05<11:00, 10.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  32%|██            | 3234/10000 [04:05<10:01, 11.24it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██            | 3236/10000 [04:05<09:24, 11.98it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

  32%|██            | 3238/10000 [04:06<09:26, 11.94it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  32%|██            | 3240/10000 [04:06<09:18, 12.10it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

  32%|██            | 3242/10000 [04:06<09:06, 12.38it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

  32%|██            | 3244/10000 [04:06<09:06, 12.37it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  32%|██          | 3246/10000 [04:06<08:48, 12.79it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  32%|██          | 3248/10000 [04:06<08:49, 12.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  32%|██          | 3250/10000 [04:06<08:45, 12.85it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step

  33%|██          | 3252/10000 [04:07<08:59, 12.51it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 33ms/step

  33%|██          | 3254/10000 [04:07<09:03, 12.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  33%|██          | 3256/10000 [04:07<09:01, 12.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  33%|██          | 3258/10000 [04:07<08:47, 12.77it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 37ms/step

  33%|██          | 3260/10000 [04:07<09:12, 12.20it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  33%|██          | 3262/10000 [04:07<08:55, 12.58it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

  33%|██          | 3264/10000 [04:08<08:41, 12.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  33%|██          | 3266/10000 [04:08<08:35, 13.08it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 33%|██          | 3268/10000 [04:08<08:28, 13.25it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██          | 3270/10000 [04:08<08:25, 13.30it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step

 33%|██          | 3272/10000 [04:08<08:29, 13.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 33%|██          | 3274/10000 [04:08<08:29, 13.20it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

 33%|██          | 3276/10000 [04:08<08:39, 12.94it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 29ms/step

 33%|██          | 3278/10000 [04:09<08:55, 12.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██          | 3280/10000 [04:09<08:55, 12.56it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 44ms/step

 33%|██          | 3282/10000 [04:09<09:11, 12.17it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 37ms/step

 33%|██          | 3284/10000 [04:09<09:41, 11.55it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 33%|██          | 3286/10000 [04:09<09:41, 11.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 33%|██          | 3288/10000 [04:10<09:37, 11.62it/s]
```

```
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

 33%|██           | 3290/10000 [04:10<09:43, 11.49it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3292/10000 [04:10<09:33, 11.69it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

 33%|██           | 3294/10000 [04:10<09:35, 11.65it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

 33%|██           | 3296/10000 [04:10<09:27, 11.81it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3298/10000 [04:10<09:25, 11.84it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 33%|██           | 3300/10000 [04:11<09:25, 11.86it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3302/10000 [04:11<10:00, 11.15it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3304/10000 [04:11<09:45, 11.45it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 33%|██           | 3306/10000 [04:11<09:34, 11.66it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3308/10000 [04:11<09:29, 11.75it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 35ms/step

 33%|██           | 3310/10000 [04:11<09:36, 11.61it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3312/10000 [04:12<09:18, 11.97it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 45ms/step

 33%|██           | 3314/10000 [04:12<09:30, 11.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 40ms/step

 33%|██           | 3316/10000 [04:12<09:35, 11.62it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 33%|██           | 3318/10000 [04:12<09:21, 11.90it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3320/10000 [04:12<09:14, 12.04it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 35ms/step

 33%|██           | 3322/10000 [04:12<09:28, 11.74it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 33%|██           | 3324/10000 [04:13<09:30, 11.69it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 42ms/step

 33%|██           | 3326/10000 [04:13<09:41, 11.48it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

 33%|██           | 3328/10000 [04:13<09:45, 11.40it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 33%|██           | 3330/10000 [04:13<09:37, 11.56it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

 33%|██           | 3332/10000 [04:13<09:28, 11.74it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  33%|██          | 3334/10000 [04:13<09:25, 11.79it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step

  33%|██          | 3336/10000 [04:14<09:18, 11.93it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

  33%|██          | 3338/10000 [04:14<09:36, 11.56it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

  33%|██          | 3340/10000 [04:14<09:27, 11.74it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 23ms/step

  33%|██          | 3342/10000 [04:14<09:29, 11.70it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 20ms/step

  33%|██          | 3344/10000 [04:14<09:18, 11.92it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step

  33%|██          | 3346/10000 [04:14<09:18, 11.91it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  33%|██          | 3348/10000 [04:15<09:04, 12.21it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  34%|██          | 3350/10000 [04:15<09:03, 12.23it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  34%|██          | 3352/10000 [04:15<09:17, 11.92it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 46ms/step

  34%|██          | 3354/10000 [04:15<09:47, 11.31it/s]
```

```
1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 50ms/step

34%|██           | 3356/10000 [04:15<10:58, 10.09it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 40ms/step

34%|██           | 3358/10000 [04:16<10:52, 10.18it/s]

1/1 [==============================] - 0s 65ms/step
1/1 [==============================] - 0s 34ms/step

34%|██           | 3360/10000 [04:16<11:20,  9.75it/s]

1/1 [==============================] - 0s 38ms/step

34%|██           | 3361/10000 [04:16<11:22,  9.72it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 46ms/step

34%|██           | 3363/10000 [04:16<11:33,  9.58it/s]

1/1 [==============================] - 0s 46ms/step

34%|██           | 3364/10000 [04:16<12:04,  9.16it/s]

1/1 [==============================] - 0s 55ms/step

34%|██           | 3365/10000 [04:16<12:09,  9.10it/s]

1/1 [==============================] - 0s 37ms/step

34%|██           | 3366/10000 [04:16<12:17,  9.00it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 33ms/step

34%|██           | 3368/10000 [04:17<11:02, 10.02it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

34%|██           | 3370/10000 [04:17<10:22, 10.65it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 44ms/step

34%|██           | 3372/10000 [04:17<10:29, 10.54it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 31ms/step

34%|██           | 3374/10000 [04:17<10:40, 10.34it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 35ms/step

 34%|██         | 3376/10000 [04:17<10:41, 10.33it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 29ms/step

 34%|██         | 3378/10000 [04:18<10:20, 10.68it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 37ms/step

 34%|██         | 3380/10000 [04:18<10:33, 10.45it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 27ms/step

 34%|██         | 3382/10000 [04:18<10:35, 10.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

 34%|██         | 3384/10000 [04:18<10:12, 10.80it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 40ms/step

 34%|██         | 3386/10000 [04:18<10:16, 10.73it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

 34%|██         | 3388/10000 [04:18<09:51, 11.17it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step

 34%|██         | 3390/10000 [04:19<09:55, 11.09it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 34%|██         | 3392/10000 [04:19<09:43, 11.33it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 29ms/step

 34%|██         | 3394/10000 [04:19<09:32, 11.53it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

 34%|██         | 3396/10000 [04:19<09:28, 11.62it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  34%|██           | 3398/10000 [04:19<09:13, 11.94it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  34%|██           | 3400/10000 [04:20<09:16, 11.87it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step

  34%|██           | 3402/10000 [04:20<09:25, 11.67it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  34%|██           | 3404/10000 [04:20<09:13, 11.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  34%|██           | 3406/10000 [04:20<09:03, 12.13it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  34%|██           | 3408/10000 [04:20<09:17, 11.82it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 28ms/step

  34%|██           | 3410/10000 [04:20<09:08, 12.01it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 39ms/step

  34%|██           | 3412/10000 [04:21<09:45, 11.25it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

  34%|██           | 3414/10000 [04:21<09:36, 11.43it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  34%|██           | 3416/10000 [04:21<09:22, 11.70it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 33ms/step

  34%|██           | 3418/10000 [04:21<09:45, 11.25it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  34%|██          | 3420/10000 [04:21<09:31, 11.52it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step

  34%|██          | 3422/10000 [04:21<09:21, 11.71it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  34%|██          | 3424/10000 [04:22<09:11, 11.93it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step

  34%|██          | 3426/10000 [04:22<09:18, 11.77it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step

  34%|██          | 3428/10000 [04:22<09:18, 11.77it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 39ms/step

  34%|██          | 3430/10000 [04:22<09:35, 11.41it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

  34%|██          | 3432/10000 [04:22<09:35, 11.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  34%|██          | 3434/10000 [04:22<09:25, 11.60it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

  34%|██          | 3436/10000 [04:23<09:14, 11.83it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

  34%|██          | 3438/10000 [04:23<09:17, 11.77it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  34%|██          | 3440/10000 [04:23<09:04, 12.05it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 44ms/step

 34%|██        | 3442/10000 [04:23<09:17, 11.77it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

 34%|██        | 3444/10000 [04:23<09:23, 11.63it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step

 34%|██        | 3446/10000 [04:23<09:13, 11.84it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 34%|██        | 3448/10000 [04:24<09:03, 12.06it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

 34%|██        | 3450/10000 [04:24<09:00, 12.12it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 35%|██        | 3452/10000 [04:24<08:52, 12.30it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 30ms/step

 35%|██        | 3454/10000 [04:24<09:05, 12.00it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

 35%|██        | 3456/10000 [04:24<09:00, 12.11it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 35%|██        | 3458/10000 [04:24<09:02, 12.06it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 35%|██        | 3460/10000 [04:25<08:59, 12.13it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 35%|██        | 3462/10000 [04:25<09:08, 11.93it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  35%|██             | 3464/10000 [04:25<09:03, 12.03it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  35%|██             | 3466/10000 [04:25<08:45, 12.44it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 34ms/step

  35%|██             | 3468/10000 [04:25<09:05, 11.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

  35%|██             | 3470/10000 [04:25<09:08, 11.90it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  35%|██             | 3472/10000 [04:26<09:02, 12.03it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  35%|██             | 3474/10000 [04:26<09:09, 11.87it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  35%|██             | 3476/10000 [04:26<08:59, 12.09it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  35%|██             | 3478/10000 [04:26<09:00, 12.06it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 39ms/step

  35%|██             | 3480/10000 [04:26<09:01, 12.04it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 39ms/step

  35%|██             | 3482/10000 [04:26<08:58, 12.10it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  35%|██             | 3484/10000 [04:27<08:56, 12.14it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  35%|██          | 3486/10000 [04:27<09:08, 11.88it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

  35%|██          | 3488/10000 [04:27<09:12, 11.78it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

  35%|██          | 3490/10000 [04:27<09:19, 11.64it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step

  35%|██          | 3492/10000 [04:27<09:19, 11.63it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  35%|██          | 3494/10000 [04:27<08:58, 12.07it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

  35%|██          | 3496/10000 [04:28<08:48, 12.30it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  35%|██          | 3498/10000 [04:28<08:46, 12.35it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  35%|██          | 3500/10000 [04:28<08:25, 12.86it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  35%|██          | 3502/10000 [04:28<08:33, 12.66it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  35%|██          | 3504/10000 [04:28<08:37, 12.56it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 36ms/step

  35%|██          | 3506/10000 [04:28<09:18, 11.64it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  35%|██         | 3508/10000 [04:29<09:15, 11.69it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  35%|██         | 3510/10000 [04:29<09:02, 11.97it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 46ms/step

  35%|██         | 3512/10000 [04:29<09:25, 11.48it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 45ms/step

  35%|██         | 3514/10000 [04:29<10:06, 10.70it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 39ms/step

  35%|██         | 3516/10000 [04:29<10:20, 10.45it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 39ms/step

  35%|██         | 3518/10000 [04:30<10:57,  9.85it/s]

1/1 [==============================] - 0s 61ms/step
1/1 [==============================] - 0s 36ms/step

  35%|██         | 3520/10000 [04:30<11:38,  9.28it/s]

1/1 [==============================] - 0s 48ms/step

  35%|██         | 3521/10000 [04:30<12:02,  8.97it/s]

1/1 [==============================] - 0s 46ms/step

  35%|██         | 3522/10000 [04:30<11:59,  9.00it/s]

1/1 [==============================] - 0s 34ms/step

  35%|██         | 3523/10000 [04:30<11:50,  9.12it/s]

1/1 [==============================] - 0s 77ms/step

  35%|██         | 3524/10000 [04:30<13:09,  8.20it/s]

1/1 [==============================] - 0s 35ms/step

  35%|██         | 3525/10000 [04:30<12:51,  8.40it/s]
```

```
1/1 [==============================] - 0s 65ms/step

  35%|██            | 3526/10000 [04:31<13:23,  8.05it/s]

1/1 [==============================] - 0s 43ms/step

  35%|██            | 3527/10000 [04:31<12:51,  8.39it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

  35%|██            | 3529/10000 [04:31<11:20,  9.51it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  35%|██            | 3531/10000 [04:31<10:04, 10.71it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 45ms/step

  35%|██            | 3533/10000 [04:31<10:23, 10.38it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 43ms/step

  35%|██            | 3535/10000 [04:31<10:38, 10.13it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

  35%|██            | 3537/10000 [04:32<10:26, 10.31it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 37ms/step

  35%|██            | 3539/10000 [04:32<10:31, 10.24it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 31ms/step

  35%|██            | 3541/10000 [04:32<11:01,  9.76it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 41ms/step

  35%|██            | 3543/10000 [04:32<10:33, 10.20it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

  35%|██            | 3545/10000 [04:32<09:56, 10.82it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
```

```
  35%|██         |  3547/10000 [04:33<09:29, 11.33it/s]

1/1 [=============================] - 0s 28ms/step
1/1 [=============================] - 0s 28ms/step

  35%|██         |  3549/10000 [04:33<08:58, 11.98it/s]

1/1 [=============================] - 0s 27ms/step
1/1 [=============================] - 0s 32ms/step

  36%|██         |  3551/10000 [04:33<08:58, 11.98it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 31ms/step

  36%|██         |  3553/10000 [04:33<08:41, 12.37it/s]

1/1 [=============================] - 0s 27ms/step
1/1 [=============================] - 0s 28ms/step

  36%|██         |  3555/10000 [04:33<08:27, 12.71it/s]

1/1 [=============================] - 0s 39ms/step
1/1 [=============================] - 0s 27ms/step

  36%|██         |  3557/10000 [04:33<08:45, 12.27it/s]

1/1 [=============================] - 0s 30ms/step
1/1 [=============================] - 0s 28ms/step

  36%|██         |  3559/10000 [04:33<08:41, 12.36it/s]

1/1 [=============================] - 0s 27ms/step
1/1 [=============================] - 0s 26ms/step

  36%|██         |  3561/10000 [04:34<08:42, 12.32it/s]

1/1 [=============================] - 0s 31ms/step
1/1 [=============================] - 0s 29ms/step

  36%|██         |  3563/10000 [04:34<08:55, 12.03it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 32ms/step

  36%|██         |  3565/10000 [04:34<09:07, 11.76it/s]

1/1 [=============================] - 0s 35ms/step
1/1 [=============================] - 0s 28ms/step

  36%|██         |  3567/10000 [04:34<09:18, 11.53it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 33ms/step
```

```
 36%|██          | 3569/10000 [04:34<09:25, 11.36it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 36%|██          | 3571/10000 [04:35<09:28, 11.31it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 36%|██          | 3573/10000 [04:35<09:23, 11.41it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

 36%|██          | 3575/10000 [04:35<09:10, 11.67it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 38ms/step

 36%|██          | 3577/10000 [04:35<09:20, 11.47it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 36%|██          | 3579/10000 [04:35<09:28, 11.30it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

 36%|██          | 3581/10000 [04:35<09:18, 11.50it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

 36%|██          | 3583/10000 [04:36<09:07, 11.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

 36%|██          | 3585/10000 [04:36<09:19, 11.46it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 36%|██          | 3587/10000 [04:36<09:07, 11.71it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 36%|██          | 3589/10000 [04:36<08:43, 12.24it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 36%|███        | 3591/10000 [04:36<08:25, 12.67it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 36%|███        | 3593/10000 [04:36<08:21, 12.77it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step

 36%|███        | 3595/10000 [04:37<08:48, 12.13it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step

 36%|███        | 3597/10000 [04:37<08:48, 12.10it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 36%|███        | 3599/10000 [04:37<08:38, 12.35it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

 36%|███        | 3601/10000 [04:37<08:37, 12.37it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 36%|███        | 3603/10000 [04:37<08:38, 12.35it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

 36%|███        | 3605/10000 [04:37<08:24, 12.67it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 36%|███        | 3607/10000 [04:37<08:18, 12.84it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 39ms/step

 36%|███        | 3609/10000 [04:38<08:27, 12.58it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 36%|███        | 3611/10000 [04:38<08:23, 12.68it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 36%|██         | 3613/10000 [04:38<08:36, 12.38it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 36%|██         | 3615/10000 [04:38<08:38, 12.32it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 36%|██         | 3617/10000 [04:38<08:27, 12.58it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

 36%|██         | 3619/10000 [04:38<08:15, 12.88it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 36%|██         | 3621/10000 [04:39<08:32, 12.44it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 28ms/step

 36%|██         | 3623/10000 [04:39<08:52, 11.99it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

 36%|██         | 3625/10000 [04:39<09:06, 11.66it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

 36%|██         | 3627/10000 [04:39<09:07, 11.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 36%|██         | 3629/10000 [04:39<09:14, 11.49it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

 36%|██         | 3631/10000 [04:39<08:58, 11.82it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 36%|██         | 3633/10000 [04:40<08:51, 11.97it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 31ms/step
```

```
 36%|██         | 3635/10000 [04:40<08:58, 11.83it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
 36%|██         | 3637/10000 [04:40<08:42, 12.17it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step
 36%|██         | 3639/10000 [04:40<09:12, 11.52it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step
 36%|██         | 3641/10000 [04:40<09:13, 11.49it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 33ms/step
 36%|██         | 3643/10000 [04:41<09:24, 11.26it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step
 36%|██         | 3645/10000 [04:41<09:11, 11.52it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 31ms/step
 36%|██         | 3647/10000 [04:41<09:26, 11.21it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step
 36%|██         | 3649/10000 [04:41<09:14, 11.45it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
 37%|██         | 3651/10000 [04:41<09:12, 11.49it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step
 37%|██         | 3653/10000 [04:41<09:15, 11.43it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step
 37%|██         | 3655/10000 [04:42<09:05, 11.63it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step
```

```
 37%|██          | 3657/10000 [04:42<09:13, 11.46it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

 37%|██          | 3659/10000 [04:42<09:15, 11.42it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 46ms/step

 37%|██          | 3661/10000 [04:42<09:37, 10.97it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 34ms/step

 37%|██          | 3663/10000 [04:42<09:38, 10.96it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 47ms/step

 37%|██          | 3665/10000 [04:43<10:33, 10.00it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 52ms/step

 37%|██          | 3667/10000 [04:43<11:09,  9.46it/s]

1/1 [==============================] - 0s 33ms/step

 37%|██          | 3668/10000 [04:43<11:05,  9.52it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

 37%|██          | 3670/10000 [04:43<10:39,  9.89it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

 37%|██          | 3672/10000 [04:43<10:10, 10.37it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 64ms/step

 37%|██          | 3674/10000 [04:43<11:06,  9.49it/s]

1/1 [==============================] - 0s 31ms/step

 37%|██          | 3675/10000 [04:44<11:00,  9.57it/s]

1/1 [==============================] - 0s 41ms/step

 37%|██          | 3676/10000 [04:44<11:04,  9.52it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

 37%|█████            | 3678/10000 [04:44<10:20, 10.18it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 61ms/step

 37%|█████            | 3680/10000 [04:44<10:46,  9.77it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 46ms/step

 37%|█████            | 3682/10000 [04:44<11:00,  9.57it/s]

1/1 [==============================] - 0s 41ms/step

 37%|█████            | 3683/10000 [04:44<11:13,  9.38it/s]

1/1 [==============================] - 0s 51ms/step

 37%|█████            | 3684/10000 [04:45<11:35,  9.09it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 51ms/step

 37%|█████            | 3686/10000 [04:45<11:24,  9.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 37ms/step

 37%|█████            | 3688/10000 [04:45<10:40,  9.86it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 37%|█████            | 3690/10000 [04:45<10:23, 10.13it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 30ms/step

 37%|█████            | 3692/10000 [04:45<10:50,  9.70it/s]

1/1 [==============================] - 0s 34ms/step

 37%|█████            | 3693/10000 [04:45<11:02,  9.52it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 37%|█████            | 3695/10000 [04:46<10:15, 10.25it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step
```

```
  37%|███        | 3697/10000 [04:46<09:46, 10.75it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step
  37%|███        | 3699/10000 [04:46<09:15, 11.35it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
  37%|███        | 3701/10000 [04:46<09:21, 11.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  37%|███        | 3703/10000 [04:46<08:57, 11.72it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step
  37%|███        | 3705/10000 [04:46<08:57, 11.71it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step
  37%|███        | 3707/10000 [04:47<09:07, 11.48it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step
  37%|███        | 3709/10000 [04:47<09:02, 11.60it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step
  37%|███        | 3711/10000 [04:47<09:13, 11.36it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
  37%|███        | 3713/10000 [04:47<09:11, 11.40it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  37%|███        | 3715/10000 [04:47<08:48, 11.90it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step
  37%|███        | 3717/10000 [04:47<08:47, 11.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 37%|███        | 3719/10000 [04:48<08:46, 11.93it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step
 37%|███        | 3721/10000 [04:48<08:35, 12.17it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step
 37%|███        | 3723/10000 [04:48<08:07, 12.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 37%|███        | 3725/10000 [04:48<08:04, 12.96it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 29ms/step
 37%|███        | 3727/10000 [04:48<08:13, 12.70it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 37%|███        | 3729/10000 [04:48<08:20, 12.54it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step
 37%|███        | 3731/10000 [04:49<08:31, 12.25it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step
 37%|███        | 3733/10000 [04:49<08:16, 12.62it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step
 37%|███        | 3735/10000 [04:49<08:24, 12.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 41ms/step
 37%|███        | 3737/10000 [04:49<08:40, 12.02it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 31ms/step
 37%|███        | 3739/10000 [04:49<09:24, 11.09it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step
```

```
 37%|██        | 3741/10000 [04:49<09:08, 11.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 37%|██        | 3743/10000 [04:50<08:55, 11.67it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
 37%|██        | 3745/10000 [04:50<08:56, 11.66it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
 37%|██        | 3747/10000 [04:50<08:55, 11.67it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 38ms/step
 37%|██        | 3749/10000 [04:50<08:52, 11.74it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 38%|██        | 3751/10000 [04:50<08:42, 11.96it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step
 38%|██        | 3753/10000 [04:50<08:53, 11.71it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 38ms/step
 38%|██        | 3755/10000 [04:51<09:23, 11.09it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
 38%|██        | 3757/10000 [04:51<09:09, 11.37it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step
 38%|██        | 3759/10000 [04:51<09:09, 11.35it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 37ms/step
 38%|██        | 3761/10000 [04:51<09:18, 11.17it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step
```

```
  38%|██         | 3763/10000 [04:51<09:24, 11.05it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step
  38%|██         | 3765/10000 [04:52<09:20, 11.12it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 30ms/step
  38%|██         | 3767/10000 [04:52<09:11, 11.30it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
  38%|██         | 3769/10000 [04:52<08:59, 11.56it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step
  38%|██         | 3771/10000 [04:52<08:55, 11.63it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step
  38%|██         | 3773/10000 [04:52<09:02, 11.49it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 46ms/step
  38%|██         | 3775/10000 [04:52<09:26, 10.98it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step
  38%|██         | 3777/10000 [04:53<09:19, 11.11it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
  38%|██         | 3779/10000 [04:53<08:57, 11.58it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
  38%|██         | 3781/10000 [04:53<08:56, 11.58it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step
  38%|██         | 3783/10000 [04:53<08:51, 11.69it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step
```

```
 38%|██▊         | 3785/10000 [04:53<08:43, 11.86it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

 38%|██▊         | 3787/10000 [04:53<08:44, 11.85it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 45ms/step

 38%|██▊         | 3789/10000 [04:54<08:50, 11.71it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 38%|██▊         | 3791/10000 [04:54<08:55, 11.59it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 38%|██▊         | 3793/10000 [04:54<08:43, 11.85it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

 38%|██▊         | 3795/10000 [04:54<08:40, 11.92it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 38ms/step

 38%|██▊         | 3797/10000 [04:54<08:57, 11.54it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 38%|██▊         | 3799/10000 [04:54<09:00, 11.47it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

 38%|██▊         | 3801/10000 [04:55<08:54, 11.60it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 28ms/step

 38%|██▊         | 3803/10000 [04:55<08:50, 11.68it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 31ms/step

 38%|██▊         | 3805/10000 [04:55<08:49, 11.70it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
```

```
 38%|██         | 3807/10000 [04:55<08:51, 11.65it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 38ms/step

 38%|██         | 3809/10000 [04:55<08:57, 11.52it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 40ms/step

 38%|██         | 3811/10000 [04:56<09:44, 10.58it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 39ms/step

 38%|██         | 3813/10000 [04:56<09:44, 10.59it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

 38%|██         | 3815/10000 [04:56<09:31, 10.82it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 42ms/step

 38%|██         | 3817/10000 [04:56<09:32, 10.80it/s]

1/1 [==============================] - 0s 66ms/step
1/1 [==============================] - 0s 40ms/step

 38%|██         | 3819/10000 [04:56<10:22,  9.93it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 57ms/step

 38%|██         | 3821/10000 [04:57<10:47,  9.55it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

 38%|██         | 3823/10000 [04:57<10:29,  9.82it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 39ms/step

 38%|██         | 3825/10000 [04:57<10:40,  9.64it/s]

1/1 [==============================] - 0s 40ms/step

 38%|██         | 3826/10000 [04:57<10:39,  9.66it/s]

1/1 [==============================] - 0s 32ms/step

 38%|██         | 3827/10000 [04:57<10:35,  9.71it/s]
```

```
1/1 [==============================] - 0s 59ms/step
  38%|███          | 3828/10000 [04:57<11:30,  8.94it/s]
1/1 [==============================] - 0s 47ms/step
  38%|███          | 3829/10000 [04:57<11:26,  8.99it/s]
1/1 [==============================] - 0s 45ms/step
  38%|███          | 3830/10000 [04:58<11:17,  9.11it/s]
1/1 [==============================] - 0s 40ms/step
  38%|███          | 3831/10000 [04:58<11:16,  9.12it/s]
1/1 [==============================] - 0s 57ms/step
  38%|███          | 3832/10000 [04:58<11:38,  8.83it/s]
1/1 [==============================] - 0s 67ms/step
  38%|███          | 3833/10000 [04:58<12:23,  8.29it/s]
1/1 [==============================] - 0s 34ms/step
  38%|███          | 3834/10000 [04:58<12:22,  8.30it/s]
1/1 [==============================] - 0s 43ms/step
  38%|███          | 3835/10000 [04:58<11:58,  8.58it/s]
1/1 [==============================] - 0s 58ms/step
  38%|███          | 3836/10000 [04:58<12:12,  8.42it/s]
1/1 [==============================] - 0s 53ms/step
  38%|███          | 3837/10000 [04:58<12:19,  8.33it/s]
1/1 [==============================] - 0s 45ms/step
  38%|███          | 3838/10000 [04:59<12:20,  8.32it/s]
1/1 [==============================] - 0s 47ms/step
  38%|███          | 3839/10000 [04:59<12:11,  8.42it/s]
1/1 [==============================] - 0s 42ms/step
  38%|███          | 3840/10000 [04:59<12:05,  8.50it/s]
1/1 [==============================] - 0s 43ms/step
  38%|███          | 3841/10000 [04:59<12:08,  8.45it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 39ms/step

 38%|███         | 3843/10000 [05:00<22:43,  4.51it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 33ms/step

 38%|███         | 3845/10000 [05:00<17:38,  5.82it/s]

1/1 [==============================] - 0s 45ms/step

 38%|███         | 3846/10000 [05:00<16:02,  6.40it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 39ms/step

 38%|███         | 3848/10000 [05:00<13:36,  7.54it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 37ms/step

 38%|███         | 3850/10000 [05:00<12:05,  8.47it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 34ms/step

 39%|███         | 3852/10000 [05:00<11:35,  8.84it/s]

1/1 [==============================] - 0s 51ms/step

 39%|███         | 3853/10000 [05:01<11:34,  8.86it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

 39%|███         | 3855/10000 [05:01<10:46,  9.50it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 39ms/step

 39%|███         | 3857/10000 [05:01<10:31,  9.73it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 38ms/step

 39%|███         | 3859/10000 [05:01<10:25,  9.81it/s]

1/1 [==============================] - 0s 38ms/step

 39%|███         | 3860/10000 [05:01<10:26,  9.80it/s]

1/1 [==============================] - 0s 37ms/step

 39%|███         | 3861/10000 [05:01<10:27,  9.78it/s]
```

```
1/1 [==============================] - 0s 35ms/step

  39%|████          | 3862/10000 [05:01<10:27,  9.77it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 38ms/step

  39%|████          | 3864/10000 [05:02<10:24,  9.83it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

  39%|████          | 3866/10000 [05:02<10:10, 10.06it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 34ms/step

  39%|████          | 3868/10000 [05:02<09:57, 10.27it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

  39%|████          | 3870/10000 [05:02<09:41, 10.54it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 36ms/step

  39%|████          | 3872/10000 [05:02<09:32, 10.70it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 34ms/step

  39%|████          | 3874/10000 [05:03<09:30, 10.74it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 35ms/step

  39%|████          | 3876/10000 [05:03<09:41, 10.53it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 35ms/step

  39%|████          | 3878/10000 [05:03<09:35, 10.64it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 37ms/step

  39%|████          | 3880/10000 [05:03<09:44, 10.47it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 35ms/step

  39%|████          | 3882/10000 [05:03<09:45, 10.45it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 34ms/step

 39%|███        | 3884/10000 [05:04<09:37, 10.59it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 46ms/step

 39%|███        | 3886/10000 [05:04<09:40, 10.52it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 34ms/step

 39%|███        | 3888/10000 [05:04<09:43, 10.48it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step

 39%|███        | 3890/10000 [05:04<09:31, 10.69it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 34ms/step

 39%|███        | 3892/10000 [05:04<09:27, 10.76it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 35ms/step

 39%|███        | 3894/10000 [05:04<09:26, 10.77it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 36ms/step

 39%|███        | 3896/10000 [05:05<09:20, 10.90it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 43ms/step

 39%|███        | 3898/10000 [05:05<09:30, 10.70it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 38ms/step

 39%|███        | 3900/10000 [05:05<09:17, 10.93it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 31ms/step

 39%|███        | 3902/10000 [05:05<09:19, 10.91it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

 39%|███        | 3904/10000 [05:05<08:57, 11.33it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 41ms/step

  39%|███           | 3906/10000 [05:06<09:27, 10.74it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 39ms/step

  39%|███           | 3908/10000 [05:06<09:20, 10.87it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step

  39%|███           | 3910/10000 [05:06<09:01, 11.25it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 33ms/step

  39%|███           | 3912/10000 [05:06<08:51, 11.45it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 32ms/step

  39%|███           | 3914/10000 [05:06<08:54, 11.38it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 33ms/step

  39%|███           | 3916/10000 [05:06<08:54, 11.37it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 39ms/step

  39%|███           | 3918/10000 [05:07<08:56, 11.33it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 38ms/step

  39%|███           | 3920/10000 [05:07<08:55, 11.35it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  39%|███           | 3922/10000 [05:07<08:48, 11.49it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 32ms/step

  39%|███           | 3924/10000 [05:07<08:48, 11.49it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  39%|███           | 3926/10000 [05:07<08:29, 11.93it/s]
```

```
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 33ms/step

  39%|███        | 3928/10000 [05:07<09:02, 11.19it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 32ms/step

  39%|███        | 3930/10000 [05:08<09:03, 11.18it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 37ms/step

  39%|███        | 3932/10000 [05:08<09:26, 10.71it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

  39%|███        | 3934/10000 [05:08<09:13, 10.95it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 30ms/step

  39%|███        | 3936/10000 [05:08<09:03, 11.16it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

  39%|███        | 3938/10000 [05:08<08:46, 11.51it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 35ms/step

  39%|███        | 3940/10000 [05:09<08:44, 11.56it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  39%|███        | 3942/10000 [05:09<08:40, 11.64it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step

  39%|███        | 3944/10000 [05:09<08:53, 11.35it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  39%|███        | 3946/10000 [05:09<08:37, 11.69it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

  39%|███        | 3948/10000 [05:09<08:45, 11.52it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 39ms/step

  40%|███        | 3950/10000 [05:09<09:22, 10.76it/s]

1/1 [==============================] - 0s 64ms/step
1/1 [==============================] - 0s 61ms/step

  40%|███        | 3952/10000 [05:10<10:42,  9.41it/s]

1/1 [==============================] - 0s 40ms/step

  40%|███        | 3953/10000 [05:10<10:52,  9.26it/s]

1/1 [==============================] - 0s 56ms/step

  40%|███        | 3954/10000 [05:10<11:19,  8.90it/s]

1/1 [==============================] - 0s 43ms/step

  40%|███        | 3955/10000 [05:10<11:20,  8.88it/s]

1/1 [==============================] - 0s 41ms/step

  40%|███        | 3956/10000 [05:10<11:17,  8.92it/s]

1/1 [==============================] - 0s 51ms/step

  40%|███        | 3957/10000 [05:10<11:42,  8.61it/s]

1/1 [==============================] - 0s 60ms/step

  40%|███        | 3958/10000 [05:10<12:07,  8.31it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

  40%|███        | 3960/10000 [05:11<11:01,  9.13it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

  40%|███        | 3962/10000 [05:11<10:24,  9.67it/s]

1/1 [==============================] - 0s 61ms/step

  40%|███        | 3963/10000 [05:11<11:05,  9.06it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 48ms/step

  40%|███        | 3965/10000 [05:11<10:54,  9.21it/s]

1/1 [==============================] - 0s 37ms/step

  40%|███        | 3966/10000 [05:11<10:53,  9.23it/s]
```

```
1/1 [==============================] - 0s 63ms/step
  40%|█████        | 3967/10000 [05:11<11:46,  8.54it/s]
1/1 [==============================] - 0s 30ms/step
  40%|█████        | 3968/10000 [05:12<12:02,  8.35it/s]
1/1 [==============================] - 0s 50ms/step
  40%|█████        | 3969/10000 [05:12<11:48,  8.51it/s]
1/1 [==============================] - 0s 46ms/step
  40%|█████        | 3970/10000 [05:12<11:33,  8.70it/s]
1/1 [==============================] - 0s 43ms/step
  40%|█████        | 3971/10000 [05:12<11:15,  8.92it/s]
1/1 [==============================] - 0s 45ms/step
  40%|█████        | 3972/10000 [05:12<11:24,  8.81it/s]
1/1 [==============================] - 0s 45ms/step
  40%|█████        | 3973/10000 [05:12<11:17,  8.90it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step
  40%|█████        | 3975/10000 [05:12<10:32,  9.53it/s]
1/1 [==============================] - 0s 43ms/step
  40%|█████        | 3976/10000 [05:12<11:26,  8.77it/s]
1/1 [==============================] - 0s 58ms/step
  40%|█████        | 3977/10000 [05:13<12:08,  8.27it/s]
1/1 [==============================] - 0s 35ms/step
  40%|█████        | 3978/10000 [05:13<11:42,  8.58it/s]
1/1 [==============================] - 0s 43ms/step
  40%|█████        | 3979/10000 [05:13<11:30,  8.72it/s]
1/1 [==============================] - 0s 40ms/step
  40%|█████        | 3980/10000 [05:13<11:09,  9.00it/s]
1/1 [==============================] - 0s 31ms/step
  40%|█████        | 3981/10000 [05:13<10:55,  9.18it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

 40%|██████          | 3983/10000 [05:13<09:51, 10.17it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

 40%|██████          | 3985/10000 [05:13<09:41, 10.35it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 40%|██████          | 3987/10000 [05:14<09:14, 10.85it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 40%|██████          | 3989/10000 [05:14<09:12, 10.89it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

 40%|██████          | 3991/10000 [05:14<09:05, 11.02it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

 40%|██████          | 3993/10000 [05:14<09:00, 11.12it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

 40%|██████          | 3995/10000 [05:14<09:09, 10.92it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

 40%|██████          | 3997/10000 [05:14<09:10, 10.91it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

 40%|██████          | 3999/10000 [05:15<08:58, 11.15it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 40%|██████          | 4001/10000 [05:15<08:39, 11.54it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

 40%|██████          | 4003/10000 [05:15<08:40, 11.53it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step
  40%|███          | 4005/10000 [05:15<08:38, 11.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
  40%|███          | 4007/10000 [05:15<08:28, 11.78it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  40%|███          | 4009/10000 [05:15<08:27, 11.80it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
  40%|███          | 4011/10000 [05:16<08:22, 11.91it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step
  40%|███          | 4013/10000 [05:16<08:39, 11.52it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step
  40%|███          | 4015/10000 [05:16<08:48, 11.32it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
  40%|███          | 4017/10000 [05:16<08:40, 11.50it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  40%|███          | 4019/10000 [05:16<08:28, 11.76it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  40%|███          | 4021/10000 [05:16<08:35, 11.59it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
  40%|███          | 4023/10000 [05:17<08:26, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
  40%|███          | 4025/10000 [05:17<08:14, 12.08it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  40%|████         | 4027/10000 [05:17<08:07, 12.26it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 42ms/step

  40%|████         | 4029/10000 [05:17<08:19, 11.95it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  40%|████         | 4031/10000 [05:17<08:12, 12.11it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  40%|████         | 4033/10000 [05:17<08:02, 12.36it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  40%|████         | 4035/10000 [05:18<07:50, 12.67it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

  40%|████         | 4037/10000 [05:18<08:01, 12.38it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  40%|████         | 4039/10000 [05:18<08:02, 12.35it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

  40%|████         | 4041/10000 [05:18<08:14, 12.04it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step

  40%|████         | 4043/10000 [05:18<08:23, 11.84it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 28ms/step

  40%|████         | 4045/10000 [05:18<08:33, 11.59it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  40%|████         | 4047/10000 [05:19<08:28, 11.71it/s]
```

```
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 39ms/step

  40%|████        | 4049/10000 [05:19<08:51, 11.20it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  41%|████        | 4051/10000 [05:19<08:29, 11.67it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  41%|████        | 4053/10000 [05:19<08:09, 12.15it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 37ms/step

  41%|████        | 4055/10000 [05:19<08:30, 11.64it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step

  41%|████        | 4057/10000 [05:19<08:34, 11.56it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  41%|████        | 4059/10000 [05:20<08:30, 11.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  41%|████        | 4061/10000 [05:20<08:36, 11.50it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  41%|████        | 4063/10000 [05:20<08:26, 11.73it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

  41%|████        | 4065/10000 [05:20<08:40, 11.40it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  41%|████        | 4067/10000 [05:20<08:25, 11.74it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step

  41%|████        | 4069/10000 [05:21<08:19, 11.88it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

  41%|██████          | 4071/10000 [05:21<08:23, 11.77it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  41%|██████          | 4073/10000 [05:21<08:27, 11.68it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  41%|██████          | 4075/10000 [05:21<08:43, 11.31it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

  41%|██████          | 4077/10000 [05:21<08:44, 11.29it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

  41%|██████          | 4079/10000 [05:21<08:41, 11.34it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 48ms/step

  41%|██████          | 4081/10000 [05:22<08:55, 11.06it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step

  41%|██████          | 4083/10000 [05:22<08:46, 11.24it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  41%|██████          | 4085/10000 [05:22<08:34, 11.49it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 39ms/step

  41%|██████          | 4087/10000 [05:22<08:45, 11.26it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  41%|██████          | 4089/10000 [05:22<08:37, 11.42it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  41%|██████          | 4091/10000 [05:22<08:50, 11.15it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  41%|███        | 4093/10000 [05:23<08:40, 11.34it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  41%|███        | 4095/10000 [05:23<08:39, 11.37it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  41%|███        | 4097/10000 [05:23<08:26, 11.66it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

  41%|███        | 4099/10000 [05:23<08:41, 11.31it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 43ms/step

  41%|███        | 4101/10000 [05:23<09:42, 10.12it/s]

1/1 [==============================] - 0s 69ms/step
1/1 [==============================] - 0s 28ms/step

  41%|███        | 4103/10000 [05:24<10:21,  9.49it/s]

1/1 [==============================] - 0s 39ms/step

  41%|███        | 4104/10000 [05:24<10:18,  9.54it/s]

1/1 [==============================] - 0s 46ms/step

  41%|███        | 4105/10000 [05:24<10:24,  9.44it/s]

1/1 [==============================] - 0s 50ms/step

  41%|███        | 4106/10000 [05:24<10:24,  9.44it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 47ms/step

  41%|███        | 4108/10000 [05:24<10:12,  9.62it/s]

1/1 [==============================] - 0s 50ms/step

  41%|███        | 4109/10000 [05:24<10:37,  9.24it/s]

1/1 [==============================] - 0s 46ms/step

  41%|███        | 4110/10000 [05:24<10:33,  9.30it/s]
```

```
1/1 [==============================] - 0s 35ms/step

   41%|███        | 4111/10000 [05:25<10:23,  9.44it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 34ms/step

   41%|███        | 4113/10000 [05:25<09:26, 10.39it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 37ms/step

   41%|███        | 4115/10000 [05:25<09:22, 10.45it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 45ms/step

   41%|███        | 4117/10000 [05:25<09:44, 10.06it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 67ms/step

   41%|███        | 4119/10000 [05:25<10:37,  9.23it/s]

1/1 [==============================] - 0s 45ms/step

   41%|███        | 4120/10000 [05:25<10:56,  8.96it/s]

1/1 [==============================] - 0s 43ms/step

   41%|███        | 4121/10000 [05:26<10:57,  8.94it/s]

1/1 [==============================] - 0s 46ms/step

   41%|███        | 4122/10000 [05:26<10:51,  9.02it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 56ms/step

   41%|███        | 4124/10000 [05:26<10:32,  9.29it/s]

1/1 [==============================] - 0s 42ms/step

   41%|███        | 4125/10000 [05:26<10:41,  9.16it/s]

1/1 [==============================] - 0s 45ms/step

   41%|███        | 4126/10000 [05:26<10:48,  9.06it/s]

1/1 [==============================] - 0s 63ms/step

   41%|███        | 4127/10000 [05:26<11:54,  8.22it/s]

1/1 [==============================] - 0s 38ms/step

   41%|███        | 4128/10000 [05:26<11:35,  8.44it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 42ms/step

  41%|████          | 4130/10000 [05:27<10:24,  9.40it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

  41%|████          | 4132/10000 [05:27<09:34, 10.21it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  41%|████          | 4134/10000 [05:27<09:25, 10.37it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  41%|████          | 4136/10000 [05:27<08:57, 10.92it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  41%|████          | 4138/10000 [05:27<08:31, 11.45it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

  41%|████          | 4140/10000 [05:27<08:41, 11.24it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 44ms/step

  41%|████          | 4142/10000 [05:28<09:01, 10.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  41%|████          | 4144/10000 [05:28<08:32, 11.42it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  41%|████          | 4146/10000 [05:28<08:16, 11.80it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

  41%|████          | 4148/10000 [05:28<08:13, 11.87it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████          | 4150/10000 [05:28<08:18, 11.74it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 42%|█████        | 4152/10000 [05:28<08:16, 11.79it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

 42%|█████        | 4154/10000 [05:29<08:32, 11.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 42%|█████        | 4156/10000 [05:29<08:19, 11.71it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

 42%|█████        | 4158/10000 [05:29<08:08, 11.97it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

 42%|█████        | 4160/10000 [05:29<08:12, 11.85it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 42%|█████        | 4162/10000 [05:29<08:14, 11.81it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 41ms/step

 42%|█████        | 4164/10000 [05:29<08:21, 11.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

 42%|█████        | 4166/10000 [05:30<08:18, 11.71it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 42%|█████        | 4168/10000 [05:30<08:21, 11.63it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

 42%|█████        | 4170/10000 [05:30<08:06, 11.99it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

 42%|█████        | 4172/10000 [05:30<08:08, 11.94it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

  42%|█████           | 4174/10000 [05:30<08:16, 11.73it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

  42%|█████           | 4176/10000 [05:30<08:08, 11.93it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  42%|█████           | 4178/10000 [05:31<07:54, 12.27it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 27ms/step

  42%|█████           | 4180/10000 [05:31<08:09, 11.89it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  42%|█████           | 4182/10000 [05:31<07:47, 12.46it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  42%|█████           | 4184/10000 [05:31<07:32, 12.86it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  42%|█████           | 4186/10000 [05:31<07:29, 12.92it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 32ms/step

  42%|█████           | 4188/10000 [05:31<07:53, 12.28it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

  42%|█████           | 4190/10000 [05:32<08:07, 11.91it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

  42%|█████           | 4192/10000 [05:32<08:07, 11.92it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  42%|█████           | 4194/10000 [05:32<08:00, 12.08it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████          | 4196/10000 [05:32<08:02, 12.03it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  42%|████          | 4198/10000 [05:32<08:09, 11.86it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

  42%|████          | 4200/10000 [05:32<08:04, 11.96it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  42%|████          | 4202/10000 [05:33<08:00, 12.07it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step

  42%|████          | 4204/10000 [05:33<08:11, 11.80it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

  42%|████          | 4206/10000 [05:33<08:23, 11.50it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step

  42%|████          | 4208/10000 [05:33<08:36, 11.21it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

  42%|████          | 4210/10000 [05:33<08:32, 11.30it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

  42%|████          | 4212/10000 [05:33<08:32, 11.30it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████          | 4214/10000 [05:34<08:04, 11.93it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 45ms/step

  42%|████          | 4216/10000 [05:34<08:19, 11.58it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████            | 4218/10000 [05:34<08:03, 11.97it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████            | 4220/10000 [05:34<07:58, 12.07it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  42%|████            | 4222/10000 [05:34<07:41, 12.53it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 32ms/step

  42%|████            | 4224/10000 [05:34<07:51, 12.26it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

  42%|████            | 4226/10000 [05:35<07:39, 12.56it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

  42%|████            | 4228/10000 [05:35<07:46, 12.38it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████            | 4230/10000 [05:35<08:03, 11.94it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  42%|████            | 4232/10000 [05:35<08:05, 11.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

  42%|████            | 4234/10000 [05:35<08:00, 12.00it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

  42%|████            | 4236/10000 [05:35<07:58, 12.05it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

  42%|████            | 4238/10000 [05:36<07:55, 12.11it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  42%|██████            | 4240/10000 [05:36<07:48, 12.31it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

  42%|██████            | 4242/10000 [05:36<08:07, 11.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

  42%|██████            | 4244/10000 [05:36<08:08, 11.78it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step

  42%|██████            | 4246/10000 [05:36<08:10, 11.73it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 38ms/step

  42%|██████            | 4248/10000 [05:36<08:23, 11.43it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 47ms/step

  42%|██████            | 4250/10000 [05:37<09:04, 10.56it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 38ms/step

  43%|██████            | 4252/10000 [05:37<09:47,  9.78it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step

  43%|██████            | 4254/10000 [05:37<09:11, 10.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  43%|██████            | 4256/10000 [05:37<08:37, 11.10it/s]

1/1 [==============================] - 0s 62ms/step
1/1 [==============================] - 0s 64ms/step

  43%|██████            | 4258/10000 [05:38<09:33, 10.01it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 42ms/step

  43%|██████            | 4260/10000 [05:38<09:36,  9.95it/s]
```

```
1/1 [==============================] - 0s 62ms/step
1/1 [==============================] - 0s 30ms/step

 43%|█████         | 4262/10000 [05:38<09:48,  9.76it/s]

1/1 [==============================] - 0s 33ms/step

 43%|█████         | 4263/10000 [05:38<09:53,  9.67it/s]

1/1 [==============================] - 0s 47ms/step

 43%|█████         | 4264/10000 [05:38<10:13,  9.35it/s]

1/1 [==============================] - 0s 32ms/step

 43%|█████         | 4265/10000 [05:38<10:09,  9.41it/s]

1/1 [==============================] - 0s 54ms/step

 43%|█████         | 4266/10000 [05:38<10:21,  9.23it/s]

1/1 [==============================] - 0s 61ms/step

 43%|█████         | 4267/10000 [05:39<11:02,  8.66it/s]

1/1 [==============================] - 0s 29ms/step

 43%|█████         | 4268/10000 [05:39<10:39,  8.96it/s]

1/1 [==============================] - 0s 61ms/step

 43%|█████         | 4269/10000 [05:39<11:37,  8.22it/s]

1/1 [==============================] - 0s 41ms/step

 43%|█████         | 4270/10000 [05:39<11:14,  8.49it/s]

1/1 [==============================] - 0s 46ms/step

 43%|█████         | 4271/10000 [05:39<11:15,  8.48it/s]

1/1 [==============================] - 0s 57ms/step

 43%|█████         | 4272/10000 [05:39<11:34,  8.25it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 34ms/step

 43%|█████         | 4274/10000 [05:39<10:31,  9.06it/s]

1/1 [==============================] - 0s 55ms/step

 43%|█████         | 4275/10000 [05:39<11:02,  8.65it/s]

1/1 [==============================] - 0s 64ms/step
```

```
  43%|██████          | 4276/10000 [05:40<11:17,  8.45it/s]
1/1 [==============================] - 0s 45ms/step
  43%|██████          | 4277/10000 [05:40<11:11,  8.53it/s]
1/1 [==============================] - 0s 63ms/step
  43%|██████          | 4278/10000 [05:40<11:45,  8.11it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step
  43%|██████          | 4280/10000 [05:40<10:48,  8.82it/s]
1/1 [==============================] - 0s 44ms/step
  43%|██████          | 4281/10000 [05:40<10:46,  8.85it/s]
1/1 [==============================] - 0s 41ms/step
  43%|██████          | 4282/10000 [05:40<10:50,  8.79it/s]
1/1 [==============================] - 0s 33ms/step
  43%|██████          | 4283/10000 [05:40<10:45,  8.85it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step
  43%|██████          | 4285/10000 [05:41<09:24, 10.13it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
  43%|██████          | 4287/10000 [05:41<09:11, 10.35it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step
  43%|██████          | 4289/10000 [05:41<08:36, 11.05it/s]
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 39ms/step
  43%|██████          | 4291/10000 [05:41<08:41, 10.95it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step
  43%|██████          | 4293/10000 [05:41<08:34, 11.09it/s]
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 43%|███          | 4295/10000 [05:41<08:10, 11.63it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step
 43%|███          | 4297/10000 [05:42<08:20, 11.39it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
 43%|███          | 4299/10000 [05:42<08:02, 11.82it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 33ms/step
 43%|███          | 4301/10000 [05:42<08:25, 11.28it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
 43%|███          | 4303/10000 [05:42<08:16, 11.47it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 43%|███          | 4305/10000 [05:42<08:12, 11.56it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 43%|███          | 4307/10000 [05:42<07:54, 12.01it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 33ms/step
 43%|███          | 4309/10000 [05:43<07:57, 11.92it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 43%|███          | 4311/10000 [05:43<07:42, 12.29it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
 43%|███          | 4313/10000 [05:43<08:02, 11.79it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 38ms/step
 43%|███          | 4315/10000 [05:43<08:17, 11.43it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
```

```
 43%|███         | 4317/10000 [05:43<08:14, 11.49it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step
 43%|███         | 4319/10000 [05:43<08:05, 11.70it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step
 43%|███         | 4321/10000 [05:44<08:05, 11.69it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step
 43%|███         | 4323/10000 [05:44<08:03, 11.73it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step
 43%|███         | 4325/10000 [05:44<08:01, 11.78it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step
 43%|███         | 4327/10000 [05:44<07:50, 12.07it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 47ms/step
 43%|███         | 4329/10000 [05:44<07:52, 11.99it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 43%|███         | 4331/10000 [05:44<07:56, 11.90it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
 43%|███         | 4333/10000 [05:45<07:47, 12.11it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step
 43%|███         | 4335/10000 [05:45<08:03, 11.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 43%|███         | 4337/10000 [05:45<08:08, 11.59it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
```

```
  43%|███          | 4339/10000 [05:45<08:01, 11.77it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 33ms/step
  43%|███          | 4341/10000 [05:45<07:59, 11.81it/s]

1/1 [=============================] - 0s 36ms/step
1/1 [=============================] - 0s 34ms/step
  43%|███          | 4343/10000 [05:45<08:09, 11.55it/s]

1/1 [=============================] - 0s 38ms/step
1/1 [=============================] - 0s 27ms/step
  43%|███          | 4345/10000 [05:46<07:59, 11.80it/s]

1/1 [=============================] - 0s 31ms/step
1/1 [=============================] - 0s 38ms/step
  43%|███          | 4347/10000 [05:46<07:55, 11.88it/s]

1/1 [=============================] - 0s 26ms/step
1/1 [=============================] - 0s 27ms/step
  43%|███          | 4349/10000 [05:46<07:58, 11.81it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 28ms/step
  44%|███          | 4351/10000 [05:46<07:45, 12.13it/s]

1/1 [=============================] - 0s 38ms/step
1/1 [=============================] - 0s 31ms/step
  44%|███          | 4353/10000 [05:46<08:00, 11.74it/s]

1/1 [=============================] - 0s 27ms/step
1/1 [=============================] - 0s 29ms/step
  44%|███          | 4355/10000 [05:46<08:15, 11.40it/s]

1/1 [=============================] - 0s 28ms/step
1/1 [=============================] - 0s 31ms/step
  44%|███          | 4357/10000 [05:47<08:07, 11.58it/s]

1/1 [=============================] - 0s 35ms/step
1/1 [=============================] - 0s 34ms/step
  44%|███          | 4359/10000 [05:47<08:14, 11.41it/s]

1/1 [=============================] - 0s 28ms/step
1/1 [=============================] - 0s 29ms/step
```

```
  44%|███         | 4361/10000 [05:47<08:13, 11.42it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step
  44%|███         | 4363/10000 [05:47<08:05, 11.61it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step
  44%|███         | 4365/10000 [05:47<08:10, 11.50it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  44%|███         | 4367/10000 [05:48<08:13, 11.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step
  44%|███         | 4369/10000 [05:48<08:16, 11.34it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  44%|███         | 4371/10000 [05:48<08:06, 11.57it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
  44%|███         | 4373/10000 [05:48<08:15, 11.37it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
  44%|███         | 4375/10000 [05:48<07:53, 11.89it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
  44%|███         | 4377/10000 [05:48<07:52, 11.90it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  44%|███         | 4379/10000 [05:49<07:40, 12.22it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
  44%|███         | 4381/10000 [05:49<07:41, 12.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
```

```
  44%|████        | 4383/10000 [05:49<07:29, 12.50it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step
  44%|████        | 4385/10000 [05:49<07:53, 11.86it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step
  44%|████        | 4387/10000 [05:49<07:44, 12.08it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
  44%|████        | 4389/10000 [05:49<07:35, 12.31it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step
  44%|████        | 4391/10000 [05:50<07:50, 11.92it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step
  44%|████        | 4393/10000 [05:50<07:57, 11.73it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 37ms/step
  44%|████        | 4395/10000 [05:50<07:58, 11.71it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 28ms/step
  44%|████        | 4397/10000 [05:50<07:55, 11.77it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 30ms/step
  44%|████        | 4399/10000 [05:50<07:49, 11.93it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 35ms/step
  44%|████        | 4401/10000 [05:50<08:05, 11.53it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 38ms/step
  44%|████        | 4403/10000 [05:51<08:59, 10.38it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 36ms/step
```

```
 44%|███        | 4405/10000 [05:51<09:05, 10.25it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step
 44%|███        | 4407/10000 [05:51<09:05, 10.26it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 59ms/step
 44%|███        | 4409/10000 [05:51<09:27,  9.85it/s]

1/1 [==============================] - 0s 57ms/step
 44%|███        | 4410/10000 [05:51<09:59,  9.33it/s]

1/1 [==============================] - 0s 33ms/step
 44%|███        | 4411/10000 [05:51<09:52,  9.43it/s]

1/1 [==============================] - 0s 51ms/step
 44%|███        | 4412/10000 [05:52<10:23,  8.97it/s]

1/1 [==============================] - 0s 47ms/step
 44%|███        | 4413/10000 [05:52<10:28,  8.89it/s]

1/1 [==============================] - 0s 41ms/step
 44%|███        | 4414/10000 [05:52<10:16,  9.07it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step
 44%|███        | 4416/10000 [05:52<09:31,  9.76it/s]

1/1 [==============================] - 0s 45ms/step
 44%|███        | 4417/10000 [05:52<09:51,  9.44it/s]

1/1 [==============================] - 0s 46ms/step
 44%|███        | 4418/10000 [05:52<10:10,  9.15it/s]

1/1 [==============================] - 0s 45ms/step
 44%|███        | 4419/10000 [05:52<10:14,  9.08it/s]

1/1 [==============================] - 0s 37ms/step
 44%|███        | 4420/10000 [05:52<10:12,  9.11it/s]

1/1 [==============================] - 0s 35ms/step
 44%|███        | 4421/10000 [05:53<10:15,  9.06it/s]
```

```
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

 44%|█████        | 4423/10000 [05:53<09:27,  9.82it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

 44%|█████        | 4425/10000 [05:53<09:07, 10.18it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 41ms/step

 44%|█████        | 4427/10000 [05:53<09:13, 10.08it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 46ms/step

 44%|█████        | 4429/10000 [05:53<09:28,  9.81it/s]

1/1 [==============================] - 0s 48ms/step

 44%|█████        | 4430/10000 [05:53<09:35,  9.68it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 55ms/step

 44%|█████        | 4432/10000 [05:54<09:47,  9.48it/s]

1/1 [==============================] - 0s 54ms/step

 44%|█████        | 4433/10000 [05:54<10:14,  9.06it/s]

1/1 [==============================] - 0s 45ms/step

 44%|█████        | 4434/10000 [05:54<10:27,  8.87it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 32ms/step

 44%|█████        | 4436/10000 [05:54<09:43,  9.53it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

 44%|█████        | 4438/10000 [05:54<09:20,  9.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 44%|█████        | 4440/10000 [05:54<08:43, 10.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step
```

```
 44%|██        | 4442/10000 [05:55<08:34, 10.81it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 32ms/step
 44%|██        | 4444/10000 [05:55<08:16, 11.19it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step
 44%|██        | 4446/10000 [05:55<07:56, 11.65it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 29ms/step
 44%|██        | 4448/10000 [05:55<08:07, 11.38it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step
 44%|██        | 4450/10000 [05:55<07:54, 11.69it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step
 45%|██        | 4452/10000 [05:55<07:44, 11.95it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 41ms/step
 45%|██        | 4454/10000 [05:56<07:48, 11.84it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
 45%|██        | 4456/10000 [05:56<08:00, 11.53it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
 45%|██        | 4458/10000 [05:56<08:01, 11.51it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
 45%|██        | 4460/10000 [05:56<08:11, 11.27it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step
 45%|██        | 4462/10000 [05:56<08:23, 10.99it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
```

```
  45%|███        | 4464/10000 [05:57<08:05, 11.41it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 27ms/step
  45%|███        | 4466/10000 [05:57<08:18, 11.11it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  45%|███        | 4468/10000 [05:57<08:05, 11.38it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  45%|███        | 4470/10000 [05:57<07:50, 11.75it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step
  45%|███        | 4472/10000 [05:57<07:55, 11.62it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step
  45%|███        | 4474/10000 [05:57<07:53, 11.68it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  45%|███        | 4476/10000 [05:58<07:50, 11.75it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step
  45%|███        | 4478/10000 [05:58<07:53, 11.67it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 38ms/step
  45%|███        | 4480/10000 [05:58<08:03, 11.43it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step
  45%|███        | 4482/10000 [05:58<08:04, 11.39it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step
  45%|███        | 4484/10000 [05:58<08:04, 11.38it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 45%|███        | 4486/10000 [05:58<08:08, 11.29it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 45%|███        | 4488/10000 [05:59<08:04, 11.38it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 45%|███        | 4490/10000 [05:59<07:43, 11.89it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 29ms/step
 45%|███        | 4492/10000 [05:59<07:58, 11.50it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
 45%|███        | 4494/10000 [05:59<07:39, 11.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
 45%|███        | 4496/10000 [05:59<07:40, 11.95it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 45%|███        | 4498/10000 [05:59<07:37, 12.03it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
 45%|███        | 4500/10000 [06:00<07:34, 12.11it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step
 45%|███        | 4502/10000 [06:00<07:52, 11.65it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 28ms/step
 45%|███        | 4504/10000 [06:00<07:55, 11.57it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
 45%|███        | 4506/10000 [06:00<07:40, 11.93it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step
```

```
 45%|███          | 4508/10000 [06:00<07:30, 12.18it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 28ms/step

 45%|███          | 4510/10000 [06:00<07:40, 11.91it/s]

1/1 [=============================] - 0s 38ms/step
1/1 [=============================] - 0s 31ms/step

 45%|███          | 4512/10000 [06:01<07:42, 11.87it/s]

1/1 [=============================] - 0s 27ms/step
1/1 [=============================] - 0s 28ms/step

 45%|███          | 4514/10000 [06:01<07:40, 11.91it/s]

1/1 [=============================] - 0s 26ms/step
1/1 [=============================] - 0s 27ms/step

 45%|███          | 4516/10000 [06:01<07:40, 11.90it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 30ms/step

 45%|███          | 4518/10000 [06:01<07:49, 11.67it/s]

1/1 [=============================] - 0s 30ms/step
1/1 [=============================] - 0s 40ms/step

 45%|███          | 4520/10000 [06:01<07:55, 11.53it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 27ms/step

 45%|███          | 4522/10000 [06:02<07:34, 12.07it/s]

1/1 [=============================] - 0s 28ms/step
1/1 [=============================] - 0s 28ms/step

 45%|███          | 4524/10000 [06:02<07:29, 12.19it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 29ms/step

 45%|███          | 4526/10000 [06:02<07:28, 12.21it/s]

1/1 [=============================] - 0s 30ms/step
1/1 [=============================] - 0s 38ms/step

 45%|███          | 4528/10000 [06:02<07:47, 11.71it/s]

1/1 [=============================] - 0s 29ms/step
1/1 [=============================] - 0s 28ms/step
```

```
 45%|███         | 4530/10000 [06:02<07:37, 11.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 45%|███         | 4532/10000 [06:02<07:29, 12.16it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step
 45%|███         | 4534/10000 [06:03<07:36, 11.97it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
 45%|███         | 4536/10000 [06:03<07:35, 11.99it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step
 45%|███         | 4538/10000 [06:03<07:30, 12.12it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 30ms/step
 45%|███         | 4540/10000 [06:03<07:37, 11.94it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 45%|███         | 4542/10000 [06:03<07:17, 12.48it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
 45%|███         | 4544/10000 [06:03<07:07, 12.75it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step
 45%|███         | 4546/10000 [06:03<07:21, 12.34it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step
 45%|███         | 4548/10000 [06:04<07:43, 11.76it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
 46%|███         | 4550/10000 [06:04<07:48, 11.64it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
```

```
  46%|███      | 4552/10000 [06:04<07:40, 11.83it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step

  46%|███      | 4554/10000 [06:04<08:07, 11.18it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 46ms/step

  46%|███      | 4556/10000 [06:04<08:24, 10.79it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 57ms/step

  46%|███      | 4558/10000 [06:05<09:15,  9.80it/s]

1/1 [==============================] - 0s 61ms/step
1/1 [==============================] - 0s 34ms/step

  46%|███      | 4560/10000 [06:05<09:45,  9.28it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 61ms/step

  46%|███      | 4562/10000 [06:05<09:47,  9.25it/s]

1/1 [==============================] - 0s 56ms/step

  46%|███      | 4563/10000 [06:05<10:13,  8.87it/s]

1/1 [==============================] - 0s 55ms/step

  46%|███      | 4564/10000 [06:05<10:28,  8.65it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

  46%|███      | 4566/10000 [06:06<09:41,  9.34it/s]

1/1 [==============================] - 0s 45ms/step

  46%|███      | 4567/10000 [06:06<09:57,  9.09it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 53ms/step

  46%|███      | 4569/10000 [06:06<09:40,  9.35it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

  46%|███      | 4571/10000 [06:06<09:10,  9.87it/s]

1/1 [==============================] - 0s 45ms/step
```

```
  46%|████        | 4572/10000 [06:06<09:20,  9.68it/s]
1/1 [==============================] - 0s 34ms/step
  46%|████        | 4573/10000 [06:06<09:28,  9.54it/s]
1/1 [==============================] - 0s 42ms/step
  46%|████        | 4574/10000 [06:06<09:29,  9.53it/s]
1/1 [==============================] - 0s 44ms/step
  46%|████        | 4575/10000 [06:06<09:38,  9.39it/s]
1/1 [==============================] - 0s 59ms/step
  46%|████        | 4576/10000 [06:07<10:09,  8.90it/s]
1/1 [==============================] - 0s 40ms/step
  46%|████        | 4577/10000 [06:07<10:05,  8.95it/s]
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step
  46%|████        | 4579/10000 [06:07<09:20,  9.67it/s]
1/1 [==============================] - 0s 32ms/step
  46%|████        | 4580/10000 [06:07<09:28,  9.54it/s]
1/1 [==============================] - 0s 36ms/step
  46%|████        | 4581/10000 [06:07<09:31,  9.47it/s]
1/1 [==============================] - 0s 36ms/step
  46%|████        | 4582/10000 [06:07<09:37,  9.38it/s]
1/1 [==============================] - 0s 65ms/step
  46%|████        | 4583/10000 [06:07<10:51,  8.32it/s]
1/1 [==============================] - 0s 59ms/step
  46%|████        | 4584/10000 [06:08<11:24,  7.91it/s]
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step
  46%|████        | 4586/10000 [06:08<10:07,  8.92it/s]
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 28ms/step
  46%|████        | 4588/10000 [06:08<09:18,  9.68it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

  46%|████         | 4590/10000 [06:08<09:02,  9.98it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

  46%|████         | 4592/10000 [06:08<08:28, 10.64it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  46%|████         | 4594/10000 [06:08<08:32, 10.54it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  46%|████         | 4596/10000 [06:09<08:20, 10.79it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

  46%|████         | 4598/10000 [06:09<08:05, 11.12it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

  46%|████         | 4600/10000 [06:09<08:07, 11.08it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  46%|████         | 4602/10000 [06:09<08:03, 11.17it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 28ms/step

  46%|████         | 4604/10000 [06:09<08:13, 10.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

  46%|████         | 4606/10000 [06:10<08:03, 11.15it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

  46%|████         | 4608/10000 [06:10<08:11, 10.97it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  46%|████         | 4610/10000 [06:10<08:02, 11.17it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  46%|███       | 4612/10000 [06:10<07:32, 11.92it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  46%|███       | 4614/10000 [06:10<07:08, 12.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

  46%|███       | 4616/10000 [06:10<07:19, 12.24it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

  46%|███       | 4618/10000 [06:11<07:31, 11.91it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step

  46%|███       | 4620/10000 [06:11<07:26, 12.05it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

  46%|███       | 4622/10000 [06:11<07:27, 12.03it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  46%|███       | 4624/10000 [06:11<07:24, 12.11it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  46%|███       | 4626/10000 [06:11<07:46, 11.52it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  46%|███       | 4628/10000 [06:11<07:43, 11.59it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step

  46%|███       | 4630/10000 [06:12<07:37, 11.74it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  46%|███       | 4632/10000 [06:12<07:30, 11.92it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

  46%|██████          | 4634/10000 [06:12<07:39, 11.68it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  46%|██████          | 4636/10000 [06:12<07:36, 11.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  46%|██████          | 4638/10000 [06:12<07:30, 11.91it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

  46%|██████          | 4640/10000 [06:12<07:30, 11.89it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  46%|██████          | 4642/10000 [06:13<07:42, 11.59it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

  46%|██████          | 4644/10000 [06:13<07:38, 11.68it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step

  46%|██████          | 4646/10000 [06:13<07:42, 11.58it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  46%|██████          | 4648/10000 [06:13<07:38, 11.68it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  46%|██████          | 4650/10000 [06:13<07:35, 11.74it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 47ms/step

  47%|██████          | 4652/10000 [06:13<07:52, 11.31it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  47%|██████          | 4654/10000 [06:14<07:44, 11.51it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 39ms/step

 47%|██████         | 4656/10000 [06:14<07:38, 11.65it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

 47%|██████         | 4658/10000 [06:14<07:21, 12.10it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 47%|██████         | 4660/10000 [06:14<07:11, 12.39it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

 47%|██████         | 4662/10000 [06:14<07:04, 12.58it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step

 47%|██████         | 4664/10000 [06:14<07:17, 12.18it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step

 47%|██████         | 4666/10000 [06:15<07:22, 12.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step

 47%|██████         | 4668/10000 [06:15<07:18, 12.16it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 47%|██████         | 4670/10000 [06:15<07:12, 12.31it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 47%|██████         | 4672/10000 [06:15<06:55, 12.81it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 47%|██████         | 4674/10000 [06:15<07:03, 12.57it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step

 47%|██████         | 4676/10000 [06:15<07:16, 12.19it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 31ms/step

  47%|██████        | 4678/10000 [06:16<07:47, 11.39it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

  47%|██████        | 4680/10000 [06:16<07:44, 11.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  47%|██████        | 4682/10000 [06:16<07:37, 11.61it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  47%|██████        | 4684/10000 [06:16<07:34, 11.69it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

  47%|██████        | 4686/10000 [06:16<07:31, 11.78it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  47%|██████        | 4688/10000 [06:16<07:31, 11.77it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  47%|██████        | 4690/10000 [06:17<07:42, 11.48it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

  47%|██████        | 4692/10000 [06:17<07:39, 11.55it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 37ms/step

  47%|██████        | 4694/10000 [06:17<07:44, 11.41it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step

  47%|██████        | 4696/10000 [06:17<07:34, 11.67it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  47%|██████        | 4698/10000 [06:17<07:45, 11.40it/s]
```

```
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 30ms/step

 47%|██████        | 4700/10000 [06:17<07:47, 11.33it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 32ms/step

 47%|██████        | 4702/10000 [06:18<07:56, 11.12it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 38ms/step

 47%|██████        | 4704/10000 [06:18<07:46, 11.35it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 27ms/step

 47%|██████        | 4706/10000 [06:18<07:38, 11.55it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

 47%|██████        | 4708/10000 [06:18<07:42, 11.45it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

 47%|██████        | 4710/10000 [06:18<08:04, 10.92it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 32ms/step

 47%|██████        | 4712/10000 [06:19<08:11, 10.76it/s]

1/1 [==============================] - 0s 69ms/step
1/1 [==============================] - 0s 58ms/step

 47%|██████        | 4714/10000 [06:19<09:35,  9.18it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

 47%|██████        | 4716/10000 [06:19<09:03,  9.72it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 43ms/step

 47%|██████        | 4718/10000 [06:19<09:04,  9.70it/s]

1/1 [==============================] - 0s 38ms/step

 47%|██████        | 4719/10000 [06:19<09:09,  9.60it/s]

1/1 [==============================] - 0s 52ms/step
```

```
  47%|█████         | 4720/10000 [06:19<09:33,  9.20it/s]
1/1 [==============================] - 0s 45ms/step
  47%|█████         | 4721/10000 [06:20<09:49,  8.96it/s]
1/1 [==============================] - 0s 36ms/step
  47%|█████         | 4722/10000 [06:20<10:01,  8.78it/s]
1/1 [==============================] - 0s 44ms/step
  47%|█████         | 4723/10000 [06:20<09:51,  8.93it/s]
1/1 [==============================] - 0s 61ms/step
  47%|█████         | 4724/10000 [06:20<10:18,  8.53it/s]
1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 39ms/step
  47%|█████         | 4726/10000 [06:20<09:25,  9.33it/s]
1/1 [==============================] - 0s 64ms/step
  47%|█████         | 4727/10000 [06:20<09:38,  9.11it/s]
1/1 [==============================] - 0s 46ms/step
  47%|█████         | 4728/10000 [06:20<09:46,  8.98it/s]
1/1 [==============================] - 0s 60ms/step
  47%|█████         | 4729/10000 [06:21<10:17,  8.54it/s]
1/1 [==============================] - 0s 42ms/step
  47%|█████         | 4730/10000 [06:21<10:10,  8.64it/s]
1/1 [==============================] - 0s 44ms/step
  47%|█████         | 4731/10000 [06:21<10:28,  8.38it/s]
1/1 [==============================] - 0s 42ms/step
  47%|█████         | 4732/10000 [06:21<10:14,  8.58it/s]
1/1 [==============================] - 0s 41ms/step
  47%|█████         | 4733/10000 [06:21<10:17,  8.53it/s]
1/1 [==============================] - 0s 44ms/step
  47%|█████         | 4734/10000 [06:21<10:22,  8.47it/s]
1/1 [==============================] - 0s 42ms/step
```

```
  47%|████        | 4735/10000 [06:21<10:13,  8.58it/s]
1/1 [==============================] - 0s 39ms/step
  47%|████        | 4736/10000 [06:21<10:04,  8.71it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step
  47%|████        | 4738/10000 [06:22<09:07,  9.61it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step
  47%|████        | 4740/10000 [06:22<08:37, 10.17it/s]
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
  47%|████        | 4742/10000 [06:22<08:00, 10.95it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
  47%|████        | 4744/10000 [06:22<07:56, 11.03it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 40ms/step
  47%|████        | 4746/10000 [06:22<07:43, 11.33it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
  47%|████        | 4748/10000 [06:22<07:51, 11.13it/s]
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step
  48%|████        | 4750/10000 [06:23<13:49,  6.33it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 33ms/step
  48%|████        | 4752/10000 [06:23<11:55,  7.33it/s]
1/1 [==============================] - 0s 36ms/step
  48%|████        | 4753/10000 [06:23<11:27,  7.63it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 38ms/step
  48%|████        | 4755/10000 [06:23<10:22,  8.42it/s]
```

```
1/1 [==============================] - 0s 35ms/step
  48%|■■■■        | 4756/10000 [06:24<10:05,  8.66it/s]
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 47ms/step
  48%|■■■■        | 4758/10000 [06:24<09:41,  9.01it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step
  48%|■■■■        | 4760/10000 [06:24<09:08,  9.56it/s]
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 41ms/step
  48%|■■■■        | 4762/10000 [06:24<08:57,  9.74it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step
  48%|■■■■        | 4764/10000 [06:24<08:46,  9.95it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 47ms/step
  48%|■■■■        | 4766/10000 [06:25<08:39, 10.07it/s]
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 42ms/step
  48%|■■■■        | 4768/10000 [06:25<08:46,  9.95it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 50ms/step
  48%|■■■■        | 4770/10000 [06:25<08:44,  9.98it/s]
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 34ms/step
  48%|■■■■        | 4772/10000 [06:25<08:30, 10.25it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 33ms/step
  48%|■■■■        | 4774/10000 [06:25<08:18, 10.49it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 35ms/step
  48%|■■■■        | 4776/10000 [06:26<08:18, 10.48it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 35ms/step

 48%|███        | 4778/10000 [06:26<08:14, 10.55it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 43ms/step

 48%|███        | 4780/10000 [06:26<08:27, 10.28it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 37ms/step

 48%|███        | 4782/10000 [06:26<08:29, 10.24it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 35ms/step

 48%|███        | 4784/10000 [06:26<08:20, 10.42it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 40ms/step

 48%|███        | 4786/10000 [06:26<08:29, 10.24it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 37ms/step

 48%|███        | 4788/10000 [06:27<08:37, 10.07it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 48ms/step

 48%|███        | 4790/10000 [06:27<08:48,  9.86it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 38ms/step

 48%|███        | 4792/10000 [06:27<08:29, 10.22it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 35ms/step

 48%|███        | 4794/10000 [06:27<08:23, 10.33it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 36ms/step

 48%|███        | 4796/10000 [06:27<08:10, 10.60it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 45ms/step

 48%|███        | 4798/10000 [06:28<08:03, 10.75it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 35ms/step

  48%|████       | 4800/10000 [06:28<07:50, 11.06it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

  48%|████       | 4802/10000 [06:28<08:03, 10.76it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 33ms/step

  48%|████       | 4804/10000 [06:28<08:11, 10.57it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 36ms/step

  48%|████       | 4806/10000 [06:28<08:14, 10.50it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 34ms/step

  48%|████       | 4808/10000 [06:29<08:03, 10.74it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 33ms/step

  48%|████       | 4810/10000 [06:29<07:48, 11.07it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 34ms/step

  48%|████       | 4812/10000 [06:29<07:50, 11.03it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

  48%|████       | 4814/10000 [06:29<07:59, 10.83it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 35ms/step

  48%|████       | 4816/10000 [06:29<08:22, 10.31it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 40ms/step

  48%|████       | 4818/10000 [06:30<08:21, 10.34it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 35ms/step

  48%|████       | 4820/10000 [06:30<08:22, 10.30it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 36ms/step

 48%|█████        | 4822/10000 [06:30<08:14, 10.46it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 38ms/step

 48%|█████        | 4824/10000 [06:30<08:15, 10.46it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 37ms/step

 48%|█████        | 4826/10000 [06:30<08:18, 10.39it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

 48%|█████        | 4828/10000 [06:30<08:10, 10.55it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

 48%|█████        | 4830/10000 [06:31<08:08, 10.59it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step

 48%|█████        | 4832/10000 [06:31<07:56, 10.85it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 38ms/step

 48%|█████        | 4834/10000 [06:31<07:57, 10.82it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 48%|█████        | 4836/10000 [06:31<07:32, 11.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

 48%|█████        | 4838/10000 [06:31<07:28, 11.51it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 35ms/step

 48%|█████        | 4840/10000 [06:32<07:26, 11.56it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step

 48%|█████        | 4842/10000 [06:32<07:44, 11.11it/s]
```

```
1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 47ms/step

  48%|■■■■        | 4844/10000 [06:32<08:22, 10.25it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 37ms/step

  48%|■■■■        | 4846/10000 [06:32<08:26, 10.17it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 29ms/step

  48%|■■■■        | 4848/10000 [06:32<08:25, 10.19it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  48%|■■■■        | 4850/10000 [06:33<08:24, 10.21it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 36ms/step

  49%|■■■■        | 4852/10000 [06:33<08:17, 10.35it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 41ms/step

  49%|■■■■        | 4854/10000 [06:33<08:47,  9.76it/s]

1/1 [==============================] - 0s 44ms/step

  49%|■■■■        | 4855/10000 [06:33<08:50,  9.69it/s]

1/1 [==============================] - 0s 33ms/step

  49%|■■■■        | 4856/10000 [06:33<08:55,  9.60it/s]

1/1 [==============================] - 0s 46ms/step

  49%|■■■■        | 4857/10000 [06:33<09:03,  9.45it/s]

1/1 [==============================] - 0s 63ms/step

  49%|■■■■        | 4858/10000 [06:33<09:51,  8.69it/s]

1/1 [==============================] - 0s 29ms/step

  49%|■■■■        | 4859/10000 [06:34<09:35,  8.93it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

  49%|■■■■        | 4861/10000 [06:34<08:39,  9.90it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

  49%|█████        | 4863/10000 [06:34<08:01, 10.66it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 65ms/step

  49%|█████        | 4865/10000 [06:34<08:28, 10.10it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 37ms/step

  49%|█████        | 4867/10000 [06:34<08:47,  9.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

  49%|█████        | 4869/10000 [06:34<08:18, 10.29it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 57ms/step

  49%|█████        | 4871/10000 [06:35<08:21, 10.23it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 42ms/step

  49%|█████        | 4873/10000 [06:35<08:27, 10.11it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 37ms/step

  49%|█████        | 4875/10000 [06:35<08:12, 10.40it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

  49%|█████        | 4877/10000 [06:35<07:58, 10.70it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  49%|█████        | 4879/10000 [06:35<07:30, 11.37it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  49%|█████        | 4881/10000 [06:36<07:23, 11.53it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  49%|█████        | 4883/10000 [06:36<07:27, 11.43it/s]
```

```
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step

 49%|██████          | 4885/10000 [06:36<07:19, 11.63it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 49%|██████          | 4887/10000 [06:36<07:14, 11.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 44ms/step

 49%|██████          | 4889/10000 [06:36<07:27, 11.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step

 49%|██████          | 4891/10000 [06:36<07:25, 11.48it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

 49%|██████          | 4893/10000 [06:37<07:10, 11.87it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

 49%|██████          | 4895/10000 [06:37<07:18, 11.66it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 49%|██████          | 4897/10000 [06:37<07:12, 11.79it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step

 49%|██████          | 4899/10000 [06:37<07:09, 11.88it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 41ms/step

 49%|██████          | 4901/10000 [06:37<07:15, 11.71it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

 49%|██████          | 4903/10000 [06:37<07:11, 11.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 49%|██████          | 4905/10000 [06:38<07:01, 12.08it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

  49%|████        | 4907/10000 [06:38<07:00, 12.11it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

  49%|████        | 4909/10000 [06:38<07:16, 11.67it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

  49%|████        | 4911/10000 [06:38<07:26, 11.40it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 36ms/step

  49%|████        | 4913/10000 [06:38<07:26, 11.39it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  49%|████        | 4915/10000 [06:38<07:20, 11.55it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step

  49%|████        | 4917/10000 [06:39<07:13, 11.73it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  49%|████        | 4919/10000 [06:39<07:21, 11.52it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  49%|████        | 4921/10000 [06:39<07:13, 11.72it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 39ms/step

  49%|████        | 4923/10000 [06:39<07:20, 11.54it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 37ms/step

  49%|████        | 4925/10000 [06:39<07:25, 11.39it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  49%|████        | 4927/10000 [06:39<07:19, 11.55it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  49%|██████        | 4929/10000 [06:40<07:02, 12.01it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

  49%|██████        | 4931/10000 [06:40<06:52, 12.29it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  49%|██████        | 4933/10000 [06:40<06:48, 12.39it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  49%|██████        | 4935/10000 [06:40<06:43, 12.56it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  49%|██████        | 4937/10000 [06:40<07:05, 11.90it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 28ms/step

  49%|██████        | 4939/10000 [06:40<07:25, 11.36it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  49%|██████        | 4941/10000 [06:41<07:25, 11.36it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  49%|██████        | 4943/10000 [06:41<07:14, 11.64it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

  49%|██████        | 4945/10000 [06:41<07:12, 11.67it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

  49%|██████        | 4947/10000 [06:41<07:11, 11.72it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 27ms/step

  49%|██████        | 4949/10000 [06:41<07:14, 11.63it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

  50%|█████       | 4951/10000 [06:41<07:02, 11.95it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 34ms/step

  50%|█████       | 4953/10000 [06:42<07:10, 11.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  50%|█████       | 4955/10000 [06:42<07:06, 11.82it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  50%|█████       | 4957/10000 [06:42<06:43, 12.48it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████       | 4959/10000 [06:42<06:33, 12.83it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████       | 4961/10000 [06:42<06:22, 13.16it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 38ms/step

  50%|█████       | 4963/10000 [06:42<06:38, 12.65it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████       | 4965/10000 [06:43<07:02, 11.90it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████       | 4967/10000 [06:43<06:47, 12.35it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████       | 4969/10000 [06:43<06:38, 12.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

  50%|█████       | 4971/10000 [06:43<06:48, 12.30it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████        | 4973/10000 [06:43<06:53, 12.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  50%|█████        | 4975/10000 [06:43<06:40, 12.56it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

  50%|█████        | 4977/10000 [06:44<06:33, 12.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  50%|█████        | 4979/10000 [06:44<06:28, 12.92it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  50%|█████        | 4981/10000 [06:44<07:00, 11.94it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  50%|█████        | 4983/10000 [06:44<07:04, 11.82it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  50%|█████        | 4985/10000 [06:44<06:55, 12.08it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  50%|█████        | 4987/10000 [06:44<06:40, 12.51it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 36ms/step

  50%|█████        | 4989/10000 [06:45<06:48, 12.28it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  50%|█████        | 4991/10000 [06:45<06:54, 12.08it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  50%|█████        | 4993/10000 [06:45<07:00, 11.92it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 41ms/step

  50%|██████       | 4995/10000 [06:45<07:22, 11.31it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 29ms/step

  50%|██████       | 4997/10000 [06:45<07:12, 11.56it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 44ms/step

  50%|██████       | 4999/10000 [06:45<07:32, 11.06it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 39ms/step

  50%|██████       | 5001/10000 [06:46<07:39, 10.88it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 46ms/step

  50%|██████       | 5003/10000 [06:46<07:34, 10.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  50%|██████       | 5005/10000 [06:46<07:33, 11.00it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

  50%|██████       | 5007/10000 [06:46<07:46, 10.70it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 47ms/step

  50%|██████       | 5009/10000 [06:46<07:57, 10.45it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 57ms/step

  50%|██████       | 5011/10000 [06:47<08:23,  9.91it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

  50%|██████       | 5013/10000 [06:47<08:11, 10.15it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 42ms/step

  50%|██████       | 5015/10000 [06:47<08:09, 10.18it/s]
```

```
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 43ms/step

  50%|████       | 5017/10000 [06:47<08:18, 10.00it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 39ms/step

  50%|████       | 5019/10000 [06:47<08:39,  9.59it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

  50%|████       | 5021/10000 [06:48<08:18,  9.98it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 41ms/step

  50%|████       | 5023/10000 [06:48<08:27,  9.80it/s]

1/1 [==============================] - 0s 45ms/step

  50%|████       | 5024/10000 [06:48<08:42,  9.52it/s]

1/1 [==============================] - 0s 59ms/step

  50%|████       | 5025/10000 [06:48<09:06,  9.10it/s]

1/1 [==============================] - 0s 56ms/step

  50%|████       | 5026/10000 [06:48<09:43,  8.53it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step

  50%|████       | 5028/10000 [06:48<08:37,  9.60it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 39ms/step

  50%|████       | 5030/10000 [06:49<08:07, 10.20it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 43ms/step

  50%|████       | 5032/10000 [06:49<07:54, 10.47it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 29ms/step

  50%|████       | 5034/10000 [06:49<08:17,  9.99it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step
```

```
 50%|█████        | 5036/10000 [06:49<07:45, 10.66it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 50%|█████        | 5038/10000 [06:49<07:31, 10.99it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step

 50%|█████        | 5040/10000 [06:49<07:24, 11.16it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 41ms/step

 50%|█████        | 5042/10000 [06:50<07:20, 11.26it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 38ms/step

 50%|█████        | 5044/10000 [06:50<07:22, 11.20it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 26ms/step

 50%|█████        | 5046/10000 [06:50<07:24, 11.14it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

 50%|█████        | 5048/10000 [06:50<07:08, 11.55it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step

 50%|█████        | 5050/10000 [06:50<07:11, 11.47it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

 51%|█████        | 5052/10000 [06:51<07:19, 11.27it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 51%|█████        | 5054/10000 [06:51<07:00, 11.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 51%|█████        | 5056/10000 [06:51<07:09, 11.51it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step
```

```
 51%|██████      | 5058/10000 [06:51<06:56, 11.86it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step
 51%|██████      | 5060/10000 [06:51<07:20, 11.20it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step
 51%|██████      | 5062/10000 [06:51<07:13, 11.38it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step
 51%|██████      | 5064/10000 [06:52<07:23, 11.13it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 33ms/step
 51%|██████      | 5066/10000 [06:52<07:09, 11.49it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 34ms/step
 51%|██████      | 5068/10000 [06:52<07:10, 11.47it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step
 51%|██████      | 5070/10000 [06:52<07:14, 11.35it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 51%|██████      | 5072/10000 [06:52<07:04, 11.61it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
 51%|██████      | 5074/10000 [06:52<06:53, 11.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 37ms/step
 51%|██████      | 5076/10000 [06:53<06:59, 11.73it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step
 51%|██████      | 5078/10000 [06:53<07:05, 11.56it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 51%|██████          | 5080/10000 [06:53<07:05, 11.55it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 51%|██████          | 5082/10000 [06:53<06:44, 12.15it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

 51%|██████          | 5084/10000 [06:53<06:38, 12.32it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 28ms/step

 51%|██████          | 5086/10000 [06:53<06:45, 12.13it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 51%|██████          | 5088/10000 [06:54<06:35, 12.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 51%|██████          | 5090/10000 [06:54<06:22, 12.82it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 51%|██████          | 5092/10000 [06:54<06:28, 12.64it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 30ms/step

 51%|██████          | 5094/10000 [06:54<06:48, 12.00it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 41ms/step

 51%|██████          | 5096/10000 [06:54<07:09, 11.43it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 51%|██████          | 5098/10000 [06:54<07:07, 11.48it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

 51%|██████          | 5100/10000 [06:55<07:00, 11.65it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step
```

```
 51%|█████         | 5102/10000 [06:55<06:58, 11.71it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
 51%|█████         | 5104/10000 [06:55<06:44, 12.11it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step
 51%|█████         | 5106/10000 [06:55<06:55, 11.77it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
 51%|█████         | 5108/10000 [06:55<06:41, 12.19it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 31ms/step
 51%|█████         | 5110/10000 [06:55<06:44, 12.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 51%|█████         | 5112/10000 [06:56<06:34, 12.40it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step
 51%|█████         | 5114/10000 [06:56<06:33, 12.41it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step
 51%|█████         | 5116/10000 [06:56<06:39, 12.21it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step
 51%|█████         | 5118/10000 [06:56<06:38, 12.26it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 51%|█████         | 5120/10000 [06:56<06:44, 12.06it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 51%|█████         | 5122/10000 [06:56<06:46, 12.01it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  51%|█████        | 5124/10000 [06:57<06:36, 12.29it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  51%|█████        | 5126/10000 [06:57<06:22, 12.74it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  51%|█████        | 5128/10000 [06:57<06:23, 12.69it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  51%|█████        | 5130/10000 [06:57<06:08, 13.20it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  51%|█████        | 5132/10000 [06:57<06:25, 12.61it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  51%|█████        | 5134/10000 [06:57<06:15, 12.95it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  51%|█████        | 5136/10000 [06:57<06:05, 13.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 33ms/step

  51%|█████        | 5138/10000 [06:58<06:07, 13.24it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  51%|█████        | 5140/10000 [06:58<06:16, 12.92it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  51%|█████        | 5142/10000 [06:58<06:22, 12.72it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 33ms/step

  51%|█████        | 5144/10000 [06:58<06:32, 12.37it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 30ms/step
```

```
  51%|███████      | 5146/10000 [06:58<06:35, 12.27it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  51%|███████      | 5148/10000 [06:58<06:28, 12.48it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  52%|███████      | 5150/10000 [06:59<06:34, 12.30it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step

  52%|███████      | 5152/10000 [06:59<06:43, 12.00it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 42ms/step

  52%|███████      | 5154/10000 [06:59<06:57, 11.60it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 33ms/step

  52%|███████      | 5156/10000 [06:59<07:13, 11.17it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 44ms/step

  52%|███████      | 5158/10000 [06:59<07:55, 10.18it/s]

1/1 [==============================] - 0s 67ms/step
1/1 [==============================] - 0s 35ms/step

  52%|███████      | 5160/10000 [07:00<08:16,  9.74it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

  52%|███████      | 5162/10000 [07:00<08:03, 10.01it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 38ms/step

  52%|███████      | 5164/10000 [07:00<08:30,  9.47it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 45ms/step

  52%|███████      | 5166/10000 [07:00<08:31,  9.46it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 36ms/step
```

```
 52%|█████        | 5168/10000 [07:00<08:05,  9.95it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 62ms/step

 52%|█████        | 5170/10000 [07:01<08:22,  9.60it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 52%|█████        | 5172/10000 [07:01<07:48, 10.31it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 41ms/step

 52%|█████        | 5174/10000 [07:01<08:01, 10.02it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 49ms/step

 52%|█████        | 5176/10000 [07:01<08:15,  9.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 59ms/step

 52%|█████        | 5178/10000 [07:01<08:32,  9.41it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 38ms/step

 52%|█████        | 5180/10000 [07:02<08:04,  9.96it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 37ms/step

 52%|█████        | 5182/10000 [07:02<07:55, 10.13it/s]

1/1 [==============================] - 0s 63ms/step
1/1 [==============================] - 0s 35ms/step

 52%|█████        | 5184/10000 [07:02<08:44,  9.19it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

 52%|█████        | 5186/10000 [07:02<08:25,  9.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 52%|█████        | 5188/10000 [07:02<07:58, 10.05it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
```

```
 52%|█████      | 5190/10000 [07:03<07:43, 10.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 52%|█████      | 5192/10000 [07:03<07:09, 11.19it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

 52%|█████      | 5194/10000 [07:03<07:06, 11.27it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

 52%|█████      | 5196/10000 [07:03<06:54, 11.58it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 52%|█████      | 5198/10000 [07:03<06:46, 11.81it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 52%|█████      | 5200/10000 [07:03<06:24, 12.47it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 30ms/step

 52%|█████      | 5202/10000 [07:04<06:40, 11.97it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

 52%|█████      | 5204/10000 [07:04<06:36, 12.08it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 39ms/step

 52%|█████      | 5206/10000 [07:04<06:30, 12.27it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

 52%|█████      | 5208/10000 [07:04<06:22, 12.51it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step

 52%|█████      | 5210/10000 [07:04<06:18, 12.64it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 32ms/step
```

```
 52%|█████      | 5212/10000 [07:04<06:31, 12.24it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step

 52%|█████      | 5214/10000 [07:05<06:37, 12.03it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 52%|█████      | 5216/10000 [07:05<06:35, 12.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 52%|█████      | 5218/10000 [07:05<06:15, 12.75it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 52%|█████      | 5220/10000 [07:05<06:09, 12.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 52%|█████      | 5222/10000 [07:05<06:05, 13.08it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

 52%|█████      | 5224/10000 [07:05<05:58, 13.32it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 52%|█████      | 5226/10000 [07:06<06:02, 13.15it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 52%|█████      | 5228/10000 [07:06<06:13, 12.78it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step

 52%|█████      | 5230/10000 [07:06<06:25, 12.36it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 26ms/step

 52%|█████      | 5232/10000 [07:06<06:30, 12.22it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 52%|███████     | 5234/10000 [07:06<06:16, 12.66it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step
 52%|███████     | 5236/10000 [07:06<06:14, 12.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 52%|███████     | 5238/10000 [07:06<06:20, 12.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 52%|███████     | 5240/10000 [07:07<06:12, 12.78it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 52%|███████     | 5242/10000 [07:07<06:08, 12.93it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 25ms/step
 52%|███████     | 5244/10000 [07:07<06:15, 12.67it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 52%|███████     | 5246/10000 [07:07<06:23, 12.39it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 34ms/step
 52%|███████     | 5248/10000 [07:07<06:31, 12.15it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 48ms/step
 52%|███████     | 5250/10000 [07:07<06:44, 11.74it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 53%|███████     | 5252/10000 [07:08<06:51, 11.55it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step
 53%|███████     | 5254/10000 [07:08<06:53, 11.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 53%|█████        | 5256/10000 [07:08<06:50, 11.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 53%|█████        | 5258/10000 [07:08<06:49, 11.58it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step
 53%|█████        | 5260/10000 [07:08<06:46, 11.65it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 37ms/step
 53%|█████        | 5262/10000 [07:08<06:34, 12.01it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
 53%|█████        | 5264/10000 [07:09<06:40, 11.82it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
 53%|█████        | 5266/10000 [07:09<06:36, 11.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 53%|█████        | 5268/10000 [07:09<06:44, 11.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 53%|█████        | 5270/10000 [07:09<06:43, 11.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 53%|█████        | 5272/10000 [07:09<06:32, 12.04it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 42ms/step
 53%|█████        | 5274/10000 [07:10<06:56, 11.35it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step
 53%|█████        | 5276/10000 [07:10<06:49, 11.53it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 53%|█████      | 5278/10000 [07:10<06:31, 12.05it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 53%|█████      | 5280/10000 [07:10<06:19, 12.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
 53%|█████      | 5282/10000 [07:10<06:23, 12.31it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 53%|█████      | 5284/10000 [07:10<06:27, 12.16it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 53%|█████      | 5286/10000 [07:10<06:23, 12.30it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step
 53%|█████      | 5288/10000 [07:11<06:14, 12.59it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 33ms/step
 53%|█████      | 5290/10000 [07:11<06:27, 12.15it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
 53%|█████      | 5292/10000 [07:11<06:41, 11.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 53%|█████      | 5294/10000 [07:11<06:38, 11.80it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 53%|█████      | 5296/10000 [07:11<06:50, 11.47it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 53%|█████      | 5298/10000 [07:12<06:53, 11.38it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 53%|████         | 5300/10000 [07:12<07:02, 11.13it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 53%|████         | 5302/10000 [07:12<06:42, 11.66it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
 53%|████         | 5304/10000 [07:12<06:25, 12.19it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 53%|████         | 5306/10000 [07:12<06:08, 12.74it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 53%|████         | 5308/10000 [07:12<06:13, 12.55it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 36ms/step
 53%|████         | 5310/10000 [07:13<06:30, 12.01it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 42ms/step
 53%|████         | 5312/10000 [07:13<06:46, 11.53it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 43ms/step
 53%|████         | 5314/10000 [07:13<07:19, 10.67it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 59ms/step
 53%|████         | 5316/10000 [07:13<08:01,  9.74it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 51ms/step
 53%|████         | 5318/10000 [07:13<08:10,  9.55it/s]

1/1 [==============================] - 0s 57ms/step
 53%|████         | 5319/10000 [07:14<08:30,  9.18it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 42ms/step
 53%|████         | 5321/10000 [07:14<08:15,  9.45it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  53%|███████        | 5323/10000 [07:14<07:43, 10.10it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step

  53%|███████        | 5325/10000 [07:14<07:26, 10.47it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step

  53%|███████        | 5327/10000 [07:14<07:29, 10.39it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  53%|███████        | 5329/10000 [07:14<07:04, 11.01it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 29ms/step

  53%|███████        | 5331/10000 [07:15<07:30, 10.35it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 59ms/step

  53%|███████        | 5333/10000 [07:15<07:58,  9.76it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 31ms/step

  53%|███████        | 5335/10000 [07:15<08:00,  9.70it/s]

1/1 [==============================] - 0s 28ms/step

  53%|███████        | 5336/10000 [07:15<08:01,  9.68it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 39ms/step

  53%|███████        | 5338/10000 [07:15<07:29, 10.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

  53%|███████        | 5340/10000 [07:16<07:00, 11.09it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 44ms/step

  53%|███████        | 5342/10000 [07:16<07:08, 10.88it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 43ms/step

 53%|██████       | 5344/10000 [07:16<07:10, 10.83it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 53%|██████       | 5346/10000 [07:16<06:55, 11.21it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step

 53%|██████       | 5348/10000 [07:16<06:57, 11.14it/s]

1/1 [==============================] - 0s 60ms/step
1/1 [==============================] - 0s 25ms/step

 54%|██████       | 5350/10000 [07:16<07:05, 10.93it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

 54%|██████       | 5352/10000 [07:17<06:50, 11.33it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

 54%|██████       | 5354/10000 [07:17<06:37, 11.70it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step

 54%|██████       | 5356/10000 [07:17<06:42, 11.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step

 54%|██████       | 5358/10000 [07:17<06:44, 11.49it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 27ms/step

 54%|██████       | 5360/10000 [07:17<06:40, 11.59it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 54%|██████       | 5362/10000 [07:17<06:31, 11.86it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 54%|██████       | 5364/10000 [07:18<06:31, 11.83it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

 54%|█████        | 5366/10000 [07:18<06:20, 12.16it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step

 54%|█████        | 5368/10000 [07:18<06:22, 12.11it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 54%|█████        | 5370/10000 [07:18<06:23, 12.08it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████        | 5372/10000 [07:18<06:09, 12.53it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████        | 5374/10000 [07:18<06:20, 12.15it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████        | 5376/10000 [07:19<06:25, 11.98it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 54%|█████        | 5378/10000 [07:19<06:24, 12.01it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

 54%|█████        | 5380/10000 [07:19<06:51, 11.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████        | 5382/10000 [07:19<06:34, 11.69it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████        | 5384/10000 [07:19<06:35, 11.68it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 54%|█████        | 5386/10000 [07:19<06:35, 11.66it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

  54%|█████        | 5388/10000 [07:20<06:32, 11.76it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step

  54%|█████        | 5390/10000 [07:20<06:20, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  54%|█████        | 5392/10000 [07:20<06:16, 12.23it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

  54%|█████        | 5394/10000 [07:20<06:14, 12.30it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  54%|█████        | 5396/10000 [07:20<06:18, 12.18it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  54%|█████        | 5398/10000 [07:20<06:36, 11.60it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  54%|█████        | 5400/10000 [07:21<06:37, 11.58it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 32ms/step

  54%|█████        | 5402/10000 [07:21<06:35, 11.64it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  54%|█████        | 5404/10000 [07:21<06:25, 11.93it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  54%|█████        | 5406/10000 [07:21<06:31, 11.73it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

  54%|█████        | 5408/10000 [07:21<06:27, 11.84it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step

 54%|█████       | 5410/10000 [07:21<06:30, 11.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████       | 5412/10000 [07:22<06:28, 11.82it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 41ms/step

 54%|█████       | 5414/10000 [07:22<06:58, 10.96it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 42ms/step

 54%|█████       | 5416/10000 [07:22<07:01, 10.88it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 54%|█████       | 5418/10000 [07:22<06:56, 11.00it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 54%|█████       | 5420/10000 [07:22<06:48, 11.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

 54%|█████       | 5422/10000 [07:23<06:38, 11.48it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 54%|█████       | 5424/10000 [07:23<06:25, 11.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 54%|█████       | 5426/10000 [07:23<06:22, 11.95it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 54%|█████       | 5428/10000 [07:23<06:19, 12.06it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 54%|█████       | 5430/10000 [07:23<06:27, 11.79it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  54%|██████        | 5432/10000 [07:23<06:22, 11.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  54%|██████        | 5434/10000 [07:24<06:11, 12.29it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  54%|██████        | 5436/10000 [07:24<06:13, 12.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  54%|██████        | 5438/10000 [07:24<06:12, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  54%|██████        | 5440/10000 [07:24<06:01, 12.62it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  54%|██████        | 5442/10000 [07:24<06:01, 12.59it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

  54%|██████        | 5444/10000 [07:24<05:49, 13.04it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  54%|██████        | 5446/10000 [07:24<05:55, 12.80it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  54%|██████        | 5448/10000 [07:25<05:56, 12.78it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  55%|██████        | 5450/10000 [07:25<06:11, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  55%|██████        | 5452/10000 [07:25<06:06, 12.40it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  55%|██████       | 5454/10000 [07:25<06:21, 11.92it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  55%|██████       | 5456/10000 [07:25<06:25, 11.79it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 36ms/step

  55%|██████       | 5458/10000 [07:25<06:33, 11.55it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step

  55%|██████       | 5460/10000 [07:26<06:25, 11.79it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  55%|██████       | 5462/10000 [07:26<06:12, 12.19it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

  55%|██████       | 5464/10000 [07:26<06:08, 12.30it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 43ms/step

  55%|██████       | 5466/10000 [07:26<06:13, 12.15it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  55%|██████       | 5468/10000 [07:26<06:21, 11.88it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

  55%|██████       | 5470/10000 [07:26<06:11, 12.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

  55%|██████       | 5472/10000 [07:27<06:04, 12.41it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 32ms/step

  55%|██████       | 5474/10000 [07:27<05:56, 12.69it/s]
```

```
1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  55%|██████        | 5476/10000 [07:27<06:14, 12.09it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 58ms/step

  55%|██████        | 5478/10000 [07:27<07:10, 10.51it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 41ms/step

  55%|██████        | 5480/10000 [07:27<07:33,  9.98it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 44ms/step

  55%|██████        | 5482/10000 [07:28<07:25, 10.14it/s]

1/1 [==============================] - 0s 60ms/step
1/1 [==============================] - 0s 29ms/step

  55%|██████        | 5484/10000 [07:28<07:32,  9.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 56ms/step

  55%|██████        | 5486/10000 [07:28<07:45,  9.70it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 39ms/step

  55%|██████        | 5488/10000 [07:28<07:37,  9.86it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 38ms/step

  55%|██████        | 5490/10000 [07:28<07:26, 10.11it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

  55%|██████        | 5492/10000 [07:29<07:07, 10.54it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 42ms/step

  55%|██████        | 5494/10000 [07:29<07:30,  9.99it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 39ms/step

  55%|██████        | 5496/10000 [07:29<07:44,  9.69it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

  55%|██████        | 5498/10000 [07:29<07:28, 10.04it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 44ms/step

  55%|██████        | 5500/10000 [07:29<07:34,  9.90it/s]

1/1 [==============================] - 0s 51ms/step

  55%|██████        | 5501/10000 [07:30<07:53,  9.51it/s]

1/1 [==============================] - 0s 56ms/step

  55%|██████        | 5502/10000 [07:30<08:07,  9.22it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step

  55%|██████        | 5504/10000 [07:30<07:21, 10.18it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  55%|██████        | 5506/10000 [07:30<07:12, 10.39it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

  55%|██████        | 5508/10000 [07:30<06:43, 11.14it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  55%|██████        | 5510/10000 [07:30<06:28, 11.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  55%|██████        | 5512/10000 [07:30<06:25, 11.65it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  55%|██████        | 5514/10000 [07:31<06:25, 11.65it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  55%|██████        | 5516/10000 [07:31<06:16, 11.89it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 55%|██████        | 5518/10000 [07:31<06:14, 11.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 55%|██████        | 5520/10000 [07:31<06:12, 12.03it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

 55%|██████        | 5522/10000 [07:31<06:10, 12.09it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

 55%|██████        | 5524/10000 [07:31<05:57, 12.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 55%|██████        | 5526/10000 [07:32<05:44, 12.98it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 55%|██████        | 5528/10000 [07:32<05:35, 13.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 55%|██████        | 5530/10000 [07:32<05:43, 13.01it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 55%|██████        | 5532/10000 [07:32<05:46, 12.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 55%|██████        | 5534/10000 [07:32<05:56, 12.54it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 39ms/step

 55%|██████        | 5536/10000 [07:32<05:53, 12.63it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 37ms/step

 55%|██████        | 5538/10000 [07:33<06:01, 12.36it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 38ms/step
```

```
  55%|█████      | 5540/10000 [07:33<06:13, 11.95it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step
  55%|█████      | 5542/10000 [07:33<05:56, 12.50it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
  55%|█████      | 5544/10000 [07:33<05:54, 12.56it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  55%|█████      | 5546/10000 [07:33<06:02, 12.28it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step
  55%|█████      | 5548/10000 [07:33<06:14, 11.88it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step
  56%|█████      | 5550/10000 [07:34<06:23, 11.61it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
  56%|█████      | 5552/10000 [07:34<06:01, 12.30it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
  56%|█████      | 5554/10000 [07:34<05:48, 12.75it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
  56%|█████      | 5556/10000 [07:34<06:00, 12.34it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step
  56%|█████      | 5558/10000 [07:34<06:18, 11.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  56%|█████      | 5560/10000 [07:34<06:15, 11.83it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 56%|██████          | 5562/10000 [07:35<06:13, 11.87it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 56%|██████          | 5564/10000 [07:35<06:09, 11.99it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 56%|██████          | 5566/10000 [07:35<06:05, 12.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 56%|██████          | 5568/10000 [07:35<06:05, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 56%|██████          | 5570/10000 [07:35<05:48, 12.71it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 56%|██████          | 5572/10000 [07:35<05:48, 12.71it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 41ms/step

 56%|██████          | 5574/10000 [07:36<06:00, 12.29it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

 56%|██████          | 5576/10000 [07:36<06:07, 12.03it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

 56%|██████          | 5578/10000 [07:36<06:02, 12.21it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

 56%|██████          | 5580/10000 [07:36<05:58, 12.32it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 56%|██████          | 5582/10000 [07:36<06:12, 11.87it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 56%|██████        | 5584/10000 [07:36<06:07, 12.01it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step

 56%|██████        | 5586/10000 [07:37<06:00, 12.23it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

 56%|██████        | 5588/10000 [07:37<06:08, 11.96it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 56%|██████        | 5590/10000 [07:37<06:07, 12.02it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step

 56%|██████        | 5592/10000 [07:37<06:20, 11.59it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 56%|██████        | 5594/10000 [07:37<06:27, 11.37it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 32ms/step

 56%|██████        | 5596/10000 [07:37<06:23, 11.48it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

 56%|██████        | 5598/10000 [07:38<06:20, 11.57it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 24ms/step

 56%|██████        | 5600/10000 [07:38<06:05, 12.02it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 56%|██████        | 5602/10000 [07:38<06:00, 12.22it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step

 56%|██████        | 5604/10000 [07:38<05:59, 12.24it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  56%|██████         | 5606/10000 [07:38<06:04, 12.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  56%|██████         | 5608/10000 [07:38<06:14, 11.73it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 29ms/step

  56%|██████         | 5610/10000 [07:39<06:16, 11.65it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

  56%|██████         | 5612/10000 [07:39<06:25, 11.39it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  56%|██████         | 5614/10000 [07:39<06:11, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  56%|██████         | 5616/10000 [07:39<06:03, 12.05it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  56%|██████         | 5618/10000 [07:39<06:00, 12.16it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 31ms/step

  56%|██████         | 5620/10000 [07:39<06:05, 11.97it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  56%|██████         | 5622/10000 [07:40<06:02, 12.08it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 39ms/step

  56%|██████         | 5624/10000 [07:40<06:08, 11.89it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 28ms/step

  56%|██████         | 5626/10000 [07:40<06:23, 11.40it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 51ms/step
```

```
 56%|██████        | 5628/10000 [07:40<06:45, 10.78it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 57ms/step

 56%|██████        | 5630/10000 [07:40<07:27,  9.76it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 59ms/step

 56%|██████        | 5632/10000 [07:41<07:48,  9.31it/s]

1/1 [==============================] - 0s 43ms/step

 56%|██████        | 5633/10000 [07:41<07:52,  9.24it/s]

1/1 [==============================] - 0s 43ms/step

 56%|██████        | 5634/10000 [07:41<07:56,  9.16it/s]

1/1 [==============================] - 0s 54ms/step

 56%|██████        | 5635/10000 [07:41<08:12,  8.86it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

 56%|██████        | 5637/10000 [07:41<07:15, 10.02it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 57ms/step

 56%|██████        | 5639/10000 [07:41<07:29,  9.70it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

 56%|██████        | 5641/10000 [07:42<06:59, 10.39it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

 56%|██████        | 5643/10000 [07:42<06:31, 11.12it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 34ms/step

 56%|██████        | 5645/10000 [07:42<06:40, 10.87it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 26ms/step

 56%|██████        | 5647/10000 [07:42<06:54, 10.50it/s]
```

```
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 56%|██████        | 5649/10000 [07:42<06:25, 11.28it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 31ms/step
 57%|██████        | 5651/10000 [07:42<06:27, 11.23it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 27ms/step
 57%|██████        | 5653/10000 [07:43<06:30, 11.14it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 37ms/step
 57%|██████        | 5655/10000 [07:43<06:45, 10.71it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 30ms/step
 57%|██████        | 5657/10000 [07:43<06:56, 10.43it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 43ms/step
 57%|██████        | 5659/10000 [07:43<06:56, 10.41it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 57%|██████        | 5661/10000 [07:43<06:37, 10.90it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 33ms/step
 57%|██████        | 5663/10000 [07:44<10:35,  6.82it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step
 57%|██████        | 5665/10000 [07:44<09:11,  7.86it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 40ms/step
 57%|██████        | 5667/10000 [07:44<08:20,  8.66it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step
 57%|██████        | 5669/10000 [07:44<07:40,  9.40it/s]
```

```
1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 38ms/step

  57%|█████        | 5671/10000 [07:45<07:22,  9.78it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 32ms/step

  57%|█████        | 5673/10000 [07:45<07:11, 10.03it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

  57%|█████        | 5675/10000 [07:45<07:14,  9.95it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

  57%|█████        | 5677/10000 [07:45<06:55, 10.41it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 37ms/step

  57%|█████        | 5679/10000 [07:45<06:39, 10.82it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 45ms/step

  57%|█████        | 5681/10000 [07:45<06:40, 10.78it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 45ms/step

  57%|█████        | 5683/10000 [07:46<06:41, 10.75it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 43ms/step

  57%|█████        | 5685/10000 [07:46<06:36, 10.88it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

  57%|█████        | 5687/10000 [07:46<06:29, 11.07it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

  57%|█████        | 5689/10000 [07:46<06:29, 11.07it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 33ms/step

  57%|█████        | 5691/10000 [07:46<06:27, 11.13it/s]
```

```
1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 38ms/step

  57%|██████        | 5693/10000 [07:47<06:33, 10.95it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 31ms/step

  57%|██████        | 5695/10000 [07:47<06:33, 10.93it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  57%|██████        | 5697/10000 [07:47<06:30, 11.01it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

  57%|██████        | 5699/10000 [07:47<06:28, 11.06it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

  57%|██████        | 5701/10000 [07:47<06:22, 11.23it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

  57%|██████        | 5703/10000 [07:47<06:27, 11.09it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 36ms/step

  57%|██████        | 5705/10000 [07:48<06:22, 11.23it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

  57%|██████        | 5707/10000 [07:48<06:22, 11.21it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 32ms/step

  57%|██████        | 5709/10000 [07:48<06:18, 11.33it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 34ms/step

  57%|██████        | 5711/10000 [07:48<06:20, 11.28it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 32ms/step

  57%|██████        | 5713/10000 [07:48<06:12, 11.49it/s]
```

```
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 41ms/step

  57%|██████        | 5715/10000 [07:49<06:17, 11.34it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

  57%|██████        | 5717/10000 [07:49<06:08, 11.62it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  57%|██████        | 5719/10000 [07:49<05:58, 11.94it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

  57%|██████        | 5721/10000 [07:49<06:03, 11.76it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

  57%|██████        | 5723/10000 [07:49<06:00, 11.86it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

  57%|██████        | 5725/10000 [07:49<06:01, 11.84it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 31ms/step

  57%|██████        | 5727/10000 [07:50<06:00, 11.86it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 33ms/step

  57%|██████        | 5729/10000 [07:50<06:34, 10.82it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 34ms/step

  57%|██████        | 5731/10000 [07:50<06:23, 11.14it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 42ms/step

  57%|██████        | 5733/10000 [07:50<06:34, 10.81it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

  57%|██████        | 5735/10000 [07:50<06:27, 11.00it/s]
```

```
1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 54ms/step

 57%|██████        | 5737/10000 [07:51<06:43, 10.55it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step

 57%|██████        | 5739/10000 [07:51<06:39, 10.66it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

 57%|██████        | 5741/10000 [07:51<06:24, 11.07it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 35ms/step

 57%|██████        | 5743/10000 [07:51<06:28, 10.97it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

 57%|██████        | 5745/10000 [07:51<06:37, 10.70it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 30ms/step

 57%|██████        | 5747/10000 [07:51<06:42, 10.58it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step

 57%|██████        | 5749/10000 [07:52<06:23, 11.07it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 32ms/step

 58%|██████        | 5751/10000 [07:52<06:30, 10.89it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

 58%|██████        | 5753/10000 [07:52<06:34, 10.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 58%|██████        | 5755/10000 [07:52<06:22, 11.11it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 58%|██████        | 5757/10000 [07:52<06:02, 11.70it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  58%|██████        | 5759/10000 [07:52<05:49, 12.15it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

  58%|██████        | 5761/10000 [07:53<06:00, 11.77it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  58%|██████        | 5763/10000 [07:53<05:53, 11.97it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  58%|██████        | 5765/10000 [07:53<05:45, 12.26it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 38ms/step

  58%|██████        | 5767/10000 [07:53<05:56, 11.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  58%|██████        | 5769/10000 [07:53<06:03, 11.64it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

  58%|██████        | 5771/10000 [07:53<06:06, 11.53it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 59ms/step

  58%|██████        | 5773/10000 [07:54<06:31, 10.80it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 54ms/step

  58%|██████        | 5775/10000 [07:54<06:47, 10.37it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 42ms/step

  58%|██████        | 5777/10000 [07:54<07:00, 10.05it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  58%|██████        | 5779/10000 [07:54<06:39, 10.58it/s]
```

```
1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 38ms/step

  58%|██████       | 5781/10000 [07:55<07:04,  9.93it/s]

1/1 [==============================] - 0s 60ms/step
1/1 [==============================] - 0s 41ms/step

  58%|██████       | 5783/10000 [07:55<07:17,  9.65it/s]

1/1 [==============================] - 0s 53ms/step

  58%|██████       | 5784/10000 [07:55<07:27,  9.42it/s]

1/1 [==============================] - 0s 53ms/step

  58%|██████       | 5785/10000 [07:55<07:32,  9.32it/s]

1/1 [==============================] - 0s 62ms/step

  58%|██████       | 5786/10000 [07:55<08:09,  8.60it/s]

1/1 [==============================] - 0s 38ms/step

  58%|██████       | 5787/10000 [07:55<08:01,  8.75it/s]

1/1 [==============================] - 0s 62ms/step

  58%|██████       | 5788/10000 [07:55<08:10,  8.59it/s]

1/1 [==============================] - 0s 54ms/step

  58%|██████       | 5789/10000 [07:55<08:24,  8.34it/s]

1/1 [==============================] - 0s 55ms/step

  58%|██████       | 5790/10000 [07:56<08:26,  8.30it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 46ms/step

  58%|██████       | 5792/10000 [07:56<07:54,  8.87it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

  58%|██████       | 5794/10000 [07:56<07:23,  9.49it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

  58%|██████       | 5796/10000 [07:56<06:55, 10.12it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step
```

```
  58%|█████      | 5798/10000 [07:56<06:36, 10.60it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 34ms/step
  58%|█████      | 5800/10000 [07:57<06:39, 10.52it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step
  58%|█████      | 5802/10000 [07:57<06:23, 10.96it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
  58%|█████      | 5804/10000 [07:57<06:05, 11.49it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
  58%|█████      | 5806/10000 [07:57<05:54, 11.82it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  58%|█████      | 5808/10000 [07:57<05:37, 12.44it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step
  58%|█████      | 5810/10000 [07:57<05:36, 12.47it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step
  58%|█████      | 5812/10000 [07:57<05:40, 12.31it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
  58%|█████      | 5814/10000 [07:58<05:43, 12.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  58%|█████      | 5816/10000 [07:58<05:58, 11.67it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  58%|█████      | 5818/10000 [07:58<05:41, 12.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 58%|██████        | 5820/10000 [07:58<05:41, 12.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

 58%|██████        | 5822/10000 [07:58<05:53, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 58%|██████        | 5824/10000 [07:58<05:52, 11.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 58%|██████        | 5826/10000 [07:59<05:41, 12.23it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

 58%|██████        | 5828/10000 [07:59<05:28, 12.68it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step

 58%|██████        | 5830/10000 [07:59<05:22, 12.94it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 58%|██████        | 5832/10000 [07:59<05:27, 12.73it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 58%|██████        | 5834/10000 [07:59<05:20, 13.01it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 29ms/step

 58%|██████        | 5836/10000 [07:59<05:38, 12.29it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 58%|██████        | 5838/10000 [08:00<05:39, 12.26it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step

 58%|██████        | 5840/10000 [08:00<05:43, 12.11it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 58%|█████       | 5842/10000 [08:00<05:53, 11.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 58%|█████       | 5844/10000 [08:00<05:53, 11.74it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 58%|█████       | 5846/10000 [08:00<05:45, 12.03it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step
 58%|█████       | 5848/10000 [08:00<05:39, 12.24it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 58%|█████       | 5850/10000 [08:01<05:41, 12.15it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 59%|█████       | 5852/10000 [08:01<05:36, 12.33it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 59%|█████       | 5854/10000 [08:01<05:23, 12.82it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
 59%|█████       | 5856/10000 [08:01<05:15, 13.15it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 59%|█████       | 5858/10000 [08:01<05:29, 12.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 59%|█████       | 5860/10000 [08:01<05:19, 12.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 59%|█████       | 5862/10000 [08:02<05:29, 12.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 43ms/step
```

```
 59%|██████        | 5864/10000 [08:02<06:00, 11.49it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
 59%|██████        | 5866/10000 [08:02<05:55, 11.62it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step
 59%|██████        | 5868/10000 [08:02<05:51, 11.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 59%|██████        | 5870/10000 [08:02<05:43, 12.01it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step
 59%|██████        | 5872/10000 [08:02<05:37, 12.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
 59%|██████        | 5874/10000 [08:03<05:40, 12.10it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 59%|██████        | 5876/10000 [08:03<05:36, 12.26it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step
 59%|██████        | 5878/10000 [08:03<05:48, 11.84it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 59%|██████        | 5880/10000 [08:03<05:48, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 59%|██████        | 5882/10000 [08:03<05:43, 11.99it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 30ms/step
 59%|██████        | 5884/10000 [08:03<05:47, 11.83it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 59%|██████        | 5886/10000 [08:04<05:56, 11.54it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 59%|██████        | 5888/10000 [08:04<05:45, 11.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step
 59%|██████        | 5890/10000 [08:04<05:52, 11.66it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 59%|██████        | 5892/10000 [08:04<05:47, 11.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
 59%|██████        | 5894/10000 [08:04<05:45, 11.89it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step
 59%|██████        | 5896/10000 [08:04<05:40, 12.07it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step
 59%|██████        | 5898/10000 [08:05<05:33, 12.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
 59%|██████        | 5900/10000 [08:05<05:25, 12.60it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step
 59%|██████        | 5902/10000 [08:05<05:44, 11.90it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 59%|██████        | 5904/10000 [08:05<05:46, 11.83it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 59%|██████        | 5906/10000 [08:05<05:49, 11.73it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 59%|██████        | 5908/10000 [08:05<05:50, 11.68it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step

 59%|██████        | 5910/10000 [08:06<06:00, 11.35it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 59%|██████        | 5912/10000 [08:06<05:43, 11.89it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 59%|██████        | 5914/10000 [08:06<05:30, 12.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 59%|██████        | 5916/10000 [08:06<05:24, 12.57it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 59%|██████        | 5918/10000 [08:06<05:24, 12.57it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 32ms/step

 59%|██████        | 5920/10000 [08:06<05:28, 12.42it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 59%|██████        | 5922/10000 [08:07<05:16, 12.89it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 59%|██████        | 5924/10000 [08:07<05:22, 12.65it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 40ms/step

 59%|██████        | 5926/10000 [08:07<05:32, 12.26it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

 59%|██████        | 5928/10000 [08:07<05:37, 12.05it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 59%|██████      | 5930/10000 [08:07<06:08, 11.05it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 54ms/step
 59%|██████      | 5932/10000 [08:07<06:20, 10.69it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 46ms/step
 59%|██████      | 5934/10000 [08:08<06:44, 10.06it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 42ms/step
 59%|██████      | 5936/10000 [08:08<07:07,  9.50it/s]

1/1 [==============================] - 0s 44ms/step
 59%|██████      | 5937/10000 [08:08<07:12,  9.38it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 36ms/step
 59%|██████      | 5939/10000 [08:08<07:01,  9.63it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 34ms/step
 59%|██████      | 5941/10000 [08:08<06:47,  9.97it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 61ms/step
 59%|██████      | 5943/10000 [08:09<06:56,  9.74it/s]

1/1 [==============================] - 0s 43ms/step
 59%|██████      | 5944/10000 [08:09<06:55,  9.76it/s]

1/1 [==============================] - 0s 47ms/step
 59%|██████      | 5945/10000 [08:09<06:59,  9.66it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step
 59%|██████      | 5947/10000 [08:09<06:45,  9.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
 59%|██████      | 5949/10000 [08:09<06:20, 10.65it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 58ms/step

  60%|██████       | 5951/10000 [08:09<06:36, 10.22it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 53ms/step

  60%|██████       | 5953/10000 [08:10<06:50,  9.86it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 58ms/step

  60%|██████       | 5955/10000 [08:10<06:58,  9.67it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step

  60%|██████       | 5957/10000 [08:10<06:48,  9.89it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  60%|██████       | 5959/10000 [08:10<06:39, 10.11it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  60%|██████       | 5961/10000 [08:10<06:12, 10.83it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  60%|██████       | 5963/10000 [08:11<06:11, 10.85it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 38ms/step

  60%|██████       | 5965/10000 [08:11<06:07, 10.98it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  60%|██████       | 5967/10000 [08:11<05:43, 11.73it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  60%|██████       | 5969/10000 [08:11<05:39, 11.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  60%|██████       | 5971/10000 [08:11<05:40, 11.83it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  60%|██████        | 5973/10000 [08:11<05:23, 12.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████        | 5975/10000 [08:12<05:29, 12.22it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  60%|██████        | 5977/10000 [08:12<05:22, 12.46it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████        | 5979/10000 [08:12<05:31, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 36ms/step

  60%|██████        | 5981/10000 [08:12<05:27, 12.27it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

  60%|██████        | 5983/10000 [08:12<05:27, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████        | 5985/10000 [08:12<05:27, 12.27it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████        | 5987/10000 [08:12<05:32, 12.06it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  60%|██████        | 5989/10000 [08:13<05:23, 12.41it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 36ms/step

  60%|██████        | 5991/10000 [08:13<05:29, 12.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████        | 5993/10000 [08:13<05:24, 12.36it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

  60%|█████      | 5995/10000 [08:13<05:26, 12.28it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 34ms/step

  60%|█████      | 5997/10000 [08:13<05:29, 12.17it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  60%|█████      | 5999/10000 [08:13<05:26, 12.26it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  60%|█████      | 6001/10000 [08:14<05:25, 12.30it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

  60%|█████      | 6003/10000 [08:14<05:27, 12.20it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step

  60%|█████      | 6005/10000 [08:14<05:38, 11.79it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  60%|█████      | 6007/10000 [08:14<05:32, 12.01it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  60%|█████      | 6009/10000 [08:14<05:34, 11.92it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

  60%|█████      | 6011/10000 [08:14<05:24, 12.30it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step

  60%|█████      | 6013/10000 [08:15<05:21, 12.39it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

  60%|█████      | 6015/10000 [08:15<05:26, 12.19it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6017/10000 [08:15<05:26, 12.19it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6019/10000 [08:15<05:24, 12.26it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6021/10000 [08:15<05:20, 12.42it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
  60%|██████        | 6023/10000 [08:15<05:23, 12.28it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
  60%|██████        | 6025/10000 [08:16<05:14, 12.65it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6027/10000 [08:16<05:35, 11.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
  60%|██████        | 6029/10000 [08:16<05:36, 11.79it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6031/10000 [08:16<05:29, 12.04it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6033/10000 [08:16<05:21, 12.34it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step
  60%|██████        | 6035/10000 [08:16<05:32, 11.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  60%|██████        | 6037/10000 [08:17<05:24, 12.23it/s]
```

```
1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 29ms/step

  60%|██████       | 6039/10000 [08:17<05:30, 11.99it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

  60%|██████       | 6041/10000 [08:17<05:32, 11.89it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step

  60%|██████       | 6043/10000 [08:17<05:27, 12.09it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████       | 6045/10000 [08:17<05:32, 11.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  60%|██████       | 6047/10000 [08:17<05:26, 12.12it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

  60%|██████       | 6049/10000 [08:18<05:37, 11.69it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

  61%|██████       | 6051/10000 [08:18<05:37, 11.71it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  61%|██████       | 6053/10000 [08:18<05:31, 11.92it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 36ms/step

  61%|██████       | 6055/10000 [08:18<05:41, 11.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step

  61%|██████       | 6057/10000 [08:18<05:31, 11.88it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  61%|██████       | 6059/10000 [08:18<05:27, 12.02it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  61%|██████       | 6061/10000 [08:19<05:15, 12.48it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  61%|██████       | 6063/10000 [08:19<05:21, 12.24it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
  61%|██████       | 6065/10000 [08:19<05:26, 12.07it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
  61%|██████       | 6067/10000 [08:19<05:39, 11.60it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 25ms/step
  61%|██████       | 6069/10000 [08:19<05:31, 11.86it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step
  61%|██████       | 6071/10000 [08:19<05:37, 11.64it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step
  61%|██████       | 6073/10000 [08:20<05:44, 11.39it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  61%|██████       | 6075/10000 [08:20<05:38, 11.59it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 41ms/step
  61%|██████       | 6077/10000 [08:20<05:28, 11.94it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
  61%|██████       | 6079/10000 [08:20<05:38, 11.59it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 27ms/step
  61%|██████       | 6081/10000 [08:20<05:42, 11.46it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  61%|██████      | 6083/10000 [08:21<05:39, 11.54it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 27ms/step

  61%|██████      | 6085/10000 [08:21<05:57, 10.95it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 38ms/step

  61%|██████      | 6087/10000 [08:21<06:15, 10.41it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 65ms/step

  61%|██████      | 6089/10000 [08:21<07:01,  9.27it/s]

1/1 [==============================] - 0s 56ms/step

  61%|██████      | 6090/10000 [08:21<07:13,  9.01it/s]

1/1 [==============================] - 0s 44ms/step

  61%|██████      | 6091/10000 [08:21<07:16,  8.95it/s]

1/1 [==============================] - 0s 44ms/step

  61%|██████      | 6092/10000 [08:22<07:21,  8.86it/s]

1/1 [==============================] - 0s 44ms/step

  61%|██████      | 6093/10000 [08:22<07:13,  9.01it/s]

1/1 [==============================] - 0s 45ms/step

  61%|██████      | 6094/10000 [08:22<07:06,  9.16it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 36ms/step

  61%|██████      | 6096/10000 [08:22<06:36,  9.86it/s]

1/1 [==============================] - 0s 53ms/step

  61%|██████      | 6097/10000 [08:22<06:51,  9.48it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

  61%|██████      | 6099/10000 [08:22<06:33,  9.92it/s]

1/1 [==============================] - 0s 60ms/step
```

```
  61%|█████     | 6100/10000 [08:22<06:47,  9.56it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 35ms/step
  61%|█████     | 6102/10000 [08:23<06:25, 10.12it/s]

1/1 [==============================] - 0s 55ms/step
  61%|█████     | 6103/10000 [08:23<06:44,  9.64it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 54ms/step
  61%|█████     | 6105/10000 [08:23<06:50,  9.50it/s]

1/1 [==============================] - 0s 40ms/step
  61%|█████     | 6106/10000 [08:23<06:54,  9.39it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 35ms/step
  61%|█████     | 6108/10000 [08:23<06:35,  9.84it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 54ms/step
  61%|█████     | 6110/10000 [08:23<06:44,  9.63it/s]

1/1 [==============================] - 0s 43ms/step
  61%|█████     | 6111/10000 [08:24<06:45,  9.59it/s]

1/1 [==============================] - 0s 40ms/step
  61%|█████     | 6112/10000 [08:24<06:45,  9.60it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 40ms/step
  61%|█████     | 6114/10000 [08:24<06:31,  9.92it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
  61%|█████     | 6116/10000 [08:24<06:01, 10.74it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  61%|█████     | 6118/10000 [08:24<05:50, 11.09it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 36ms/step
```

```
 61%|██████         | 6120/10000 [08:24<05:47, 11.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 61%|██████         | 6122/10000 [08:24<05:40, 11.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 45ms/step

 61%|██████         | 6124/10000 [08:25<05:49, 11.10it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

 61%|██████         | 6126/10000 [08:25<05:45, 11.21it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step

 61%|██████         | 6128/10000 [08:25<05:30, 11.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 61%|██████         | 6130/10000 [08:25<05:30, 11.70it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

 61%|██████         | 6132/10000 [08:25<05:20, 12.06it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

 61%|██████         | 6134/10000 [08:25<05:19, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 61%|██████         | 6136/10000 [08:26<05:03, 12.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 61%|██████         | 6138/10000 [08:26<04:53, 13.17it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 61%|██████         | 6140/10000 [08:26<04:47, 13.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 61%|██████        | 6142/10000 [08:26<04:46, 13.47it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 37ms/step

 61%|██████        | 6144/10000 [08:26<04:58, 12.91it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

 61%|██████        | 6146/10000 [08:26<05:17, 12.13it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 38ms/step

 61%|██████        | 6148/10000 [08:27<05:18, 12.11it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step

 62%|██████        | 6150/10000 [08:27<05:23, 11.88it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6152/10000 [08:27<05:21, 11.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 62%|██████        | 6154/10000 [08:27<05:28, 11.70it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6156/10000 [08:27<05:29, 11.66it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████        | 6158/10000 [08:27<05:28, 11.70it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6160/10000 [08:28<05:36, 11.41it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 62%|██████        | 6162/10000 [08:28<05:22, 11.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
```

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  62%|█████      | 6164/10000 [08:28<05:16, 12.14it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  62%|█████      | 6166/10000 [08:28<05:04, 12.61it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  62%|█████      | 6168/10000 [08:28<05:08, 12.43it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

  62%|█████      | 6170/10000 [08:28<05:08, 12.41it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  62%|█████      | 6172/10000 [08:29<05:03, 12.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  62%|█████      | 6174/10000 [08:29<05:06, 12.46it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

  62%|█████      | 6176/10000 [08:29<04:57, 12.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  62%|█████      | 6178/10000 [08:29<05:17, 12.03it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  62%|█████      | 6180/10000 [08:29<05:13, 12.20it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step

  62%|█████      | 6182/10000 [08:29<05:06, 12.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  62%|█████      | 6184/10000 [08:30<05:04, 12.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
```

```
 62%|██████     | 6186/10000 [08:30<05:11, 12.26it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████     | 6188/10000 [08:30<05:14, 12.11it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████     | 6190/10000 [08:30<05:17, 12.00it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

 62%|██████     | 6192/10000 [08:30<05:21, 11.85it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 62%|██████     | 6194/10000 [08:30<05:05, 12.44it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████     | 6196/10000 [08:31<05:10, 12.25it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████     | 6198/10000 [08:31<04:57, 12.80it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████     | 6200/10000 [08:31<05:11, 12.21it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████     | 6202/10000 [08:31<05:16, 12.01it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 39ms/step

 62%|██████     | 6204/10000 [08:31<05:21, 11.79it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████     | 6206/10000 [08:31<05:07, 12.34it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 62%|██████        | 6208/10000 [08:32<05:14, 12.07it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 62%|██████        | 6210/10000 [08:32<05:13, 12.10it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████        | 6212/10000 [08:32<05:13, 12.09it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6214/10000 [08:32<05:23, 11.70it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6216/10000 [08:32<05:14, 12.04it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6218/10000 [08:32<05:25, 11.63it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 62%|██████        | 6220/10000 [08:33<05:16, 11.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 62%|██████        | 6222/10000 [08:33<05:12, 12.10it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 62%|██████        | 6224/10000 [08:33<05:02, 12.49it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6226/10000 [08:33<04:54, 12.83it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 62%|██████        | 6228/10000 [08:33<05:01, 12.52it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 62%|███████     | 6230/10000 [08:33<05:16, 11.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 62%|███████     | 6232/10000 [08:33<05:10, 12.14it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step

 62%|███████     | 6234/10000 [08:34<05:13, 12.01it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 62%|███████     | 6236/10000 [08:34<05:02, 12.45it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

 62%|███████     | 6238/10000 [08:34<05:10, 12.11it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

 62%|███████     | 6240/10000 [08:34<05:18, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 62ms/step

 62%|███████     | 6242/10000 [08:34<05:43, 10.95it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 42ms/step

 62%|███████     | 6244/10000 [08:35<05:56, 10.55it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 42ms/step

 62%|███████     | 6246/10000 [08:35<06:16,  9.97it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 71ms/step

 62%|███████     | 6248/10000 [08:35<06:43,  9.29it/s]

1/1 [==============================] - 0s 56ms/step

 62%|███████     | 6249/10000 [08:35<06:56,  9.00it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 63%|███████     | 6251/10000 [08:35<06:20,  9.85it/s]
```

```
1/1 [==============================] - 0s 46ms/step

  63%|▇▇▇▇▇       | 6252/10000 [08:35<06:26,  9.70it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 37ms/step

  63%|▇▇▇▇▇       | 6254/10000 [08:36<06:21,  9.81it/s]

1/1 [==============================] - 0s 52ms/step

  63%|▇▇▇▇▇       | 6255/10000 [08:36<06:37,  9.41it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 41ms/step

  63%|▇▇▇▇▇       | 6257/10000 [08:36<06:38,  9.39it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step

  63%|▇▇▇▇▇       | 6259/10000 [08:36<06:18,  9.87it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 56ms/step

  63%|▇▇▇▇▇       | 6261/10000 [08:36<06:34,  9.47it/s]

1/1 [==============================] - 0s 50ms/step

  63%|▇▇▇▇▇       | 6262/10000 [08:37<06:47,  9.16it/s]

1/1 [==============================] - 0s 52ms/step

  63%|▇▇▇▇▇       | 6263/10000 [08:37<06:53,  9.03it/s]

1/1 [==============================] - 0s 48ms/step

  63%|▇▇▇▇▇       | 6264/10000 [08:37<06:59,  8.92it/s]

1/1 [==============================] - 0s 35ms/step

  63%|▇▇▇▇▇       | 6265/10000 [08:37<06:49,  9.13it/s]

1/1 [==============================] - 0s 41ms/step

  63%|▇▇▇▇▇       | 6266/10000 [08:37<06:45,  9.22it/s]

1/1 [==============================] - 0s 42ms/step

  63%|▇▇▇▇▇       | 6267/10000 [08:37<06:46,  9.18it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 53ms/step

  63%|▇▇▇▇▇       | 6269/10000 [08:37<06:44,  9.23it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step

   63%|██████        | 6271/10000 [08:37<06:13,  9.98it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step

   63%|██████        | 6273/10000 [08:38<05:41, 10.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

   63%|██████        | 6275/10000 [08:38<05:31, 11.24it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 29ms/step

   63%|██████        | 6277/10000 [08:38<05:34, 11.14it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 27ms/step

   63%|██████        | 6279/10000 [08:38<05:36, 11.05it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

   63%|██████        | 6281/10000 [08:38<05:25, 11.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

   63%|██████        | 6283/10000 [08:38<05:28, 11.33it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

   63%|██████        | 6285/10000 [08:39<05:26, 11.38it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

   63%|██████        | 6287/10000 [08:39<05:24, 11.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

   63%|██████        | 6289/10000 [08:39<05:13, 11.85it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

   63%|██████        | 6291/10000 [08:39<05:01, 12.29it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 63%|██████        | 6293/10000 [08:39<05:04, 12.16it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 63%|██████        | 6295/10000 [08:39<05:09, 11.96it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

 63%|██████        | 6297/10000 [08:40<05:08, 12.01it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 63%|██████        | 6299/10000 [08:40<04:58, 12.39it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 44ms/step

 63%|██████        | 6301/10000 [08:40<04:57, 12.43it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 63%|██████        | 6303/10000 [08:40<04:45, 12.95it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 63%|██████        | 6305/10000 [08:40<04:49, 12.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

 63%|██████        | 6307/10000 [08:40<04:53, 12.59it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 30ms/step

 63%|██████        | 6309/10000 [08:41<04:46, 12.86it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 42ms/step

 63%|██████        | 6311/10000 [08:41<04:53, 12.56it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

 63%|██████        | 6313/10000 [08:41<04:54, 12.51it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step

  63%|█████      | 6315/10000 [08:41<05:00, 12.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  63%|█████      | 6317/10000 [08:41<04:57, 12.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  63%|█████      | 6319/10000 [08:41<05:08, 11.93it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step

  63%|█████      | 6321/10000 [08:42<05:03, 12.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  63%|█████      | 6323/10000 [08:42<05:03, 12.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  63%|█████      | 6325/10000 [08:42<05:01, 12.17it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  63%|█████      | 6327/10000 [08:42<05:06, 11.98it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  63%|█████      | 6329/10000 [08:42<04:57, 12.34it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  63%|█████      | 6331/10000 [08:42<04:54, 12.46it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step

  63%|█████      | 6333/10000 [08:43<04:58, 12.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  63%|█████      | 6335/10000 [08:43<04:56, 12.35it/s]
```

```
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

  63%|██████       | 6337/10000 [08:43<05:02, 12.10it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  63%|██████       | 6339/10000 [08:43<04:54, 12.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  63%|██████       | 6341/10000 [08:43<04:59, 12.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  63%|██████       | 6343/10000 [08:43<04:51, 12.56it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  63%|██████       | 6345/10000 [08:43<04:45, 12.81it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  63%|██████       | 6347/10000 [08:44<04:50, 12.57it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  63%|██████       | 6349/10000 [08:44<04:45, 12.77it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████       | 6351/10000 [08:44<04:42, 12.91it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

  64%|██████       | 6353/10000 [08:44<04:43, 12.87it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████       | 6355/10000 [08:44<04:46, 12.72it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 39ms/step

  64%|██████       | 6357/10000 [08:44<05:01, 12.07it/s]
```

```
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 27ms/step

  64%|███████       | 6359/10000 [08:45<04:58, 12.18it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

  64%|███████       | 6361/10000 [08:45<04:55, 12.33it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 25ms/step

  64%|███████       | 6363/10000 [08:45<04:55, 12.29it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  64%|███████       | 6365/10000 [08:45<04:55, 12.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

  64%|███████       | 6367/10000 [08:45<04:53, 12.37it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  64%|███████       | 6369/10000 [08:45<04:56, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  64%|███████       | 6371/10000 [08:46<04:45, 12.72it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 33ms/step

  64%|███████       | 6373/10000 [08:46<04:51, 12.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 46ms/step

  64%|███████       | 6375/10000 [08:46<04:59, 12.12it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  64%|███████       | 6377/10000 [08:46<04:58, 12.14it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  64%|███████       | 6379/10000 [08:46<04:43, 12.77it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████      | 6381/10000 [08:46<04:43, 12.76it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████      | 6383/10000 [08:47<04:38, 12.97it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

  64%|██████      | 6385/10000 [08:47<04:42, 12.80it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████      | 6387/10000 [08:47<04:51, 12.40it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████      | 6389/10000 [08:47<05:00, 12.03it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  64%|██████      | 6391/10000 [08:47<05:09, 11.65it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step

  64%|██████      | 6393/10000 [08:47<05:00, 12.00it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 32ms/step

  64%|██████      | 6395/10000 [08:48<05:06, 11.74it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 41ms/step

  64%|██████      | 6397/10000 [08:48<05:16, 11.39it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 31ms/step

  64%|██████      | 6399/10000 [08:48<05:29, 10.94it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 42ms/step

  64%|██████      | 6401/10000 [08:48<05:52, 10.22it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 61ms/step

  64%|██████      | 6403/10000 [08:48<06:00,  9.98it/s]

1/1 [==============================] - 0s 61ms/step
1/1 [==============================] - 0s 34ms/step

  64%|██████      | 6405/10000 [08:49<06:22,  9.40it/s]

1/1 [==============================] - 0s 58ms/step

  64%|██████      | 6406/10000 [08:49<06:36,  9.07it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 65ms/step

  64%|██████      | 6408/10000 [08:49<06:42,  8.93it/s]

1/1 [==============================] - 0s 48ms/step

  64%|██████      | 6409/10000 [08:49<06:49,  8.78it/s]

1/1 [==============================] - 0s 42ms/step

  64%|██████      | 6410/10000 [08:49<06:43,  8.89it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

  64%|██████      | 6412/10000 [08:49<06:07,  9.76it/s]

1/1 [==============================] - 0s 43ms/step

  64%|██████      | 6413/10000 [08:50<06:21,  9.40it/s]

1/1 [==============================] - 0s 52ms/step

  64%|██████      | 6414/10000 [08:50<06:29,  9.20it/s]

1/1 [==============================] - 0s 56ms/step

  64%|██████      | 6415/10000 [08:50<06:41,  8.94it/s]

1/1 [==============================] - 0s 56ms/step

  64%|██████      | 6416/10000 [08:50<06:42,  8.91it/s]

1/1 [==============================] - 0s 43ms/step

  64%|██████      | 6417/10000 [08:50<06:39,  8.96it/s]

1/1 [==============================] - 0s 39ms/step

  64%|██████      | 6418/10000 [08:50<06:33,  9.11it/s]
```

```
1/1 [==============================] - 0s 47ms/step

  64%|███████      | 6419/10000 [08:50<06:34,  9.07it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step

  64%|███████      | 6421/10000 [08:50<05:51, 10.19it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  64%|███████      | 6423/10000 [08:51<05:41, 10.47it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 42ms/step

  64%|███████      | 6425/10000 [08:51<05:47, 10.28it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  64%|███████      | 6427/10000 [08:51<05:42, 10.42it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step

  64%|███████      | 6429/10000 [08:51<05:26, 10.93it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 34ms/step

  64%|███████      | 6431/10000 [08:51<05:22, 11.05it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  64%|███████      | 6433/10000 [08:51<05:09, 11.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  64%|███████      | 6435/10000 [08:52<05:16, 11.26it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  64%|███████      | 6437/10000 [08:52<05:05, 11.66it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  64%|███████      | 6439/10000 [08:52<04:56, 12.00it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  64%|██████      | 6441/10000 [08:52<04:54, 12.10it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  64%|██████      | 6443/10000 [08:52<04:56, 12.01it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  64%|██████      | 6445/10000 [08:52<04:59, 11.88it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  64%|██████      | 6447/10000 [08:53<04:59, 11.85it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  64%|██████      | 6449/10000 [08:53<04:59, 11.86it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6451/10000 [08:53<04:56, 11.98it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  65%|██████      | 6453/10000 [08:53<04:47, 12.32it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6455/10000 [08:53<04:40, 12.62it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6457/10000 [08:53<04:36, 12.83it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  65%|██████      | 6459/10000 [08:54<04:34, 12.89it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

  65%|██████      | 6461/10000 [08:54<04:37, 12.76it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 37ms/step

 65%|██████     | 6463/10000 [08:54<04:36, 12.79it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step

 65%|██████     | 6465/10000 [08:54<04:36, 12.78it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

 65%|██████     | 6467/10000 [08:54<04:43, 12.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 65%|██████     | 6469/10000 [08:54<04:45, 12.37it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 65%|██████     | 6471/10000 [08:55<04:44, 12.42it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 65%|██████     | 6473/10000 [08:55<04:41, 12.54it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 65%|██████     | 6475/10000 [08:55<04:31, 13.00it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 65%|██████     | 6477/10000 [08:55<04:32, 12.94it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 65%|██████     | 6479/10000 [08:55<04:41, 12.50it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 32ms/step

 65%|██████     | 6481/10000 [08:55<04:44, 12.35it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

 65%|██████     | 6483/10000 [08:55<04:30, 13.00it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

  65%|█████      | 6485/10000 [08:56<04:33, 12.84it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 25ms/step

  65%|█████      | 6487/10000 [08:56<04:28, 13.09it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  65%|█████      | 6489/10000 [08:56<04:36, 12.68it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  65%|█████      | 6491/10000 [08:56<04:28, 13.08it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  65%|█████      | 6493/10000 [08:56<04:40, 12.52it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  65%|█████      | 6495/10000 [08:56<04:32, 12.88it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

  65%|█████      | 6497/10000 [08:57<04:31, 12.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  65%|█████      | 6499/10000 [08:57<04:38, 12.57it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

  65%|█████      | 6501/10000 [08:57<04:28, 13.05it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  65%|█████      | 6503/10000 [08:57<04:26, 13.12it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  65%|█████      | 6505/10000 [08:57<04:42, 12.36it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6507/10000 [08:57<04:41, 12.41it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  65%|██████      | 6509/10000 [08:57<04:39, 12.48it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6511/10000 [08:58<04:41, 12.41it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  65%|██████      | 6513/10000 [08:58<04:36, 12.62it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  65%|██████      | 6515/10000 [08:58<04:41, 12.39it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6517/10000 [08:58<04:36, 12.61it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

  65%|██████      | 6519/10000 [08:58<04:46, 12.13it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  65%|██████      | 6521/10000 [08:58<04:40, 12.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  65%|██████      | 6523/10000 [08:59<04:37, 12.53it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 35ms/step

  65%|██████      | 6525/10000 [08:59<04:41, 12.34it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

  65%|██████      | 6527/10000 [08:59<04:37, 12.50it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  65%|██████        | 6529/10000 [08:59<04:42, 12.28it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step
  65%|██████        | 6531/10000 [08:59<04:48, 12.02it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
  65%|██████        | 6533/10000 [08:59<04:52, 11.85it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step
  65%|██████        | 6535/10000 [09:00<04:48, 12.00it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 24ms/step
  65%|██████        | 6537/10000 [09:00<04:39, 12.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step
  65%|██████        | 6539/10000 [09:00<04:36, 12.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  65%|██████        | 6541/10000 [09:00<04:29, 12.83it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
  65%|██████        | 6543/10000 [09:00<04:33, 12.64it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 44ms/step
  65%|██████        | 6545/10000 [09:00<04:57, 11.62it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
  65%|██████        | 6547/10000 [09:01<04:54, 11.74it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step
  65%|██████        | 6549/10000 [09:01<04:50, 11.86it/s]
```

```
1/1 [==============================] - 0s 51ms/step
1/1 [==============================] - 0s 27ms/step

  66%|██████      | 6551/10000 [09:01<05:10, 11.10it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 38ms/step

  66%|██████      | 6553/10000 [09:01<05:27, 10.53it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

  66%|██████      | 6555/10000 [09:01<05:22, 10.69it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 44ms/step

  66%|██████      | 6557/10000 [09:02<05:32, 10.35it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 43ms/step

  66%|██████      | 6559/10000 [09:02<05:46,  9.93it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 42ms/step

  66%|██████      | 6561/10000 [09:02<05:56,  9.63it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 37ms/step

  66%|██████      | 6563/10000 [09:02<05:31, 10.37it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 34ms/step

  66%|██████      | 6565/10000 [09:02<05:32, 10.33it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 60ms/step

  66%|██████      | 6567/10000 [09:03<05:44,  9.97it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 45ms/step

  66%|██████      | 6569/10000 [09:03<09:17,  6.16it/s]

1/1 [==============================] - 0s 69ms/step

  66%|██████      | 6570/10000 [09:03<09:04,  6.30it/s]

1/1 [==============================] - 0s 49ms/step
```

```
  66%|██████      | 6571/10000 [09:03<08:36,  6.63it/s]
1/1 [==============================] - 0s 42ms/step
  66%|██████      | 6572/10000 [09:04<08:05,  7.06it/s]
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 61ms/step
  66%|██████      | 6574/10000 [09:04<07:25,  7.68it/s]
1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 37ms/step
  66%|██████      | 6576/10000 [09:04<06:47,  8.39it/s]
1/1 [==============================] - 0s 60ms/step
  66%|██████      | 6577/10000 [09:04<06:50,  8.35it/s]
1/1 [==============================] - 0s 32ms/step
  66%|██████      | 6578/10000 [09:04<06:51,  8.31it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step
  66%|██████      | 6580/10000 [09:04<06:15,  9.11it/s]
1/1 [==============================] - 0s 53ms/step
  66%|██████      | 6581/10000 [09:05<06:14,  9.12it/s]
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 32ms/step
  66%|██████      | 6583/10000 [09:05<05:41, 10.01it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step
  66%|██████      | 6585/10000 [09:05<05:19, 10.68it/s]
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step
  66%|██████      | 6587/10000 [09:05<05:20, 10.64it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 54ms/step
  66%|██████      | 6589/10000 [09:05<05:25, 10.49it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 36ms/step
```

```
 66%|██████      | 6591/10000 [09:05<05:27, 10.42it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 66%|██████      | 6593/10000 [09:06<05:11, 10.95it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 33ms/step

 66%|██████      | 6595/10000 [09:06<05:19, 10.67it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

 66%|██████      | 6597/10000 [09:06<05:16, 10.75it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 43ms/step

 66%|██████      | 6599/10000 [09:06<05:17, 10.72it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 32ms/step

 66%|██████      | 6601/10000 [09:06<05:13, 10.83it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 66%|██████      | 6603/10000 [09:07<05:06, 11.07it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 33ms/step

 66%|██████      | 6605/10000 [09:07<05:20, 10.60it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

 66%|██████      | 6607/10000 [09:07<05:16, 10.72it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

 66%|██████      | 6609/10000 [09:07<05:03, 11.19it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 48ms/step

 66%|██████      | 6611/10000 [09:07<05:04, 11.12it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 37ms/step
```

```
 66%|██████      | 6613/10000 [09:07<05:11, 10.89it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 39ms/step
 66%|██████      | 6615/10000 [09:08<05:12, 10.85it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 49ms/step
 66%|██████      | 6617/10000 [09:08<05:31, 10.21it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
 66%|██████      | 6619/10000 [09:08<05:16, 10.67it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step
 66%|██████      | 6621/10000 [09:08<05:22, 10.49it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step
 66%|██████      | 6623/10000 [09:08<05:18, 10.60it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 35ms/step
 66%|██████      | 6625/10000 [09:09<05:21, 10.49it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 30ms/step
 66%|██████      | 6627/10000 [09:09<05:18, 10.59it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step
 66%|██████      | 6629/10000 [09:09<05:16, 10.66it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step
 66%|██████      | 6631/10000 [09:09<05:29, 10.23it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 37ms/step
 66%|██████      | 6633/10000 [09:09<05:21, 10.48it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step
```

```
 66%|███████     | 6635/10000 [09:10<05:16, 10.65it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 43ms/step
 66%|███████     | 6637/10000 [09:10<05:15, 10.65it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 33ms/step
 66%|███████     | 6639/10000 [09:10<05:18, 10.56it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 34ms/step
 66%|███████     | 6641/10000 [09:10<05:20, 10.48it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 30ms/step
 66%|███████     | 6643/10000 [09:10<05:09, 10.86it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step
 66%|███████     | 6645/10000 [09:10<05:13, 10.69it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step
 66%|███████     | 6647/10000 [09:11<05:03, 11.05it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 30ms/step
 66%|███████     | 6649/10000 [09:11<05:01, 11.12it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
 67%|███████     | 6651/10000 [09:11<04:50, 11.52it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
 67%|███████     | 6653/10000 [09:11<04:43, 11.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 67%|███████     | 6655/10000 [09:11<04:32, 12.28it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
```

```
  67%|██████    | 6657/10000 [09:11<04:39, 11.97it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
  67%|██████    | 6659/10000 [09:12<04:44, 11.76it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 40ms/step
  67%|██████    | 6661/10000 [09:12<04:51, 11.46it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  67%|██████    | 6663/10000 [09:12<04:49, 11.53it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step
  67%|██████    | 6665/10000 [09:12<04:37, 12.00it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step
  67%|██████    | 6667/10000 [09:12<04:37, 11.99it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step
  67%|██████    | 6669/10000 [09:12<04:38, 11.98it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
  67%|██████    | 6671/10000 [09:13<04:29, 12.34it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
  67%|██████    | 6673/10000 [09:13<04:28, 12.40it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
  67%|██████    | 6675/10000 [09:13<04:24, 12.55it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 32ms/step
  67%|██████    | 6677/10000 [09:13<04:27, 12.41it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 67%|████████    | 6679/10000 [09:13<04:29, 12.32it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

 67%|████████    | 6681/10000 [09:13<04:36, 11.99it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

 67%|████████    | 6683/10000 [09:14<04:31, 12.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step

 67%|████████    | 6685/10000 [09:14<04:26, 12.42it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

 67%|████████    | 6687/10000 [09:14<04:35, 12.03it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 67%|████████    | 6689/10000 [09:14<04:22, 12.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 43ms/step

 67%|████████    | 6691/10000 [09:14<04:39, 11.85it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step

 67%|████████    | 6693/10000 [09:14<04:49, 11.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 41ms/step

 67%|████████    | 6695/10000 [09:15<04:48, 11.44it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 47ms/step

 67%|████████    | 6697/10000 [09:15<05:19, 10.34it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 37ms/step

 67%|████████    | 6699/10000 [09:15<05:15, 10.45it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 38ms/step
```

```
  67%|███████      | 6701/10000 [09:15<05:20, 10.30it/s]

1/1 [==============================] - 0s 58ms/step
1/1 [==============================] - 0s 27ms/step

  67%|███████      | 6703/10000 [09:15<05:28, 10.03it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  67%|███████      | 6705/10000 [09:16<05:04, 10.82it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 58ms/step

  67%|███████      | 6707/10000 [09:16<05:24, 10.16it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 34ms/step

  67%|███████      | 6709/10000 [09:16<05:22, 10.21it/s]

1/1 [==============================] - 0s 64ms/step
1/1 [==============================] - 0s 29ms/step

  67%|███████      | 6711/10000 [09:16<05:24, 10.14it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step

  67%|███████      | 6713/10000 [09:16<05:16, 10.37it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 28ms/step

  67%|███████      | 6715/10000 [09:17<05:27, 10.04it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 49ms/step

  67%|███████      | 6717/10000 [09:17<05:23, 10.15it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 42ms/step

  67%|███████      | 6719/10000 [09:17<05:40,  9.63it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 58ms/step

  67%|███████      | 6721/10000 [09:17<05:36,  9.74it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 64ms/step
```

```
  67%|█████      | 6723/10000 [09:17<05:38,  9.69it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 49ms/step
  67%|█████      | 6725/10000 [09:18<05:32,  9.84it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 40ms/step
  67%|█████      | 6727/10000 [09:18<05:13, 10.43it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 44ms/step
  67%|█████      | 6729/10000 [09:18<05:15, 10.38it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
  67%|█████      | 6731/10000 [09:18<04:55, 11.05it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 43ms/step
  67%|█████      | 6733/10000 [09:18<04:45, 11.42it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  67%|█████      | 6735/10000 [09:19<04:39, 11.69it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
  67%|█████      | 6737/10000 [09:19<04:27, 12.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
  67%|█████      | 6739/10000 [09:19<04:18, 12.61it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  67%|█████      | 6741/10000 [09:19<04:18, 12.59it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step
  67%|█████      | 6743/10000 [09:19<04:19, 12.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  67%|██████     | 6745/10000 [09:19<04:23, 12.33it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  67%|██████     | 6747/10000 [09:19<04:18, 12.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  67%|██████     | 6749/10000 [09:20<04:26, 12.18it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████     | 6751/10000 [09:20<04:22, 12.36it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████     | 6753/10000 [09:20<04:17, 12.63it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step

  68%|██████     | 6755/10000 [09:20<04:16, 12.64it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  68%|██████     | 6757/10000 [09:20<04:21, 12.42it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████     | 6759/10000 [09:20<04:20, 12.45it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

  68%|██████     | 6761/10000 [09:21<04:16, 12.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  68%|██████     | 6763/10000 [09:21<04:08, 13.04it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████     | 6765/10000 [09:21<04:08, 13.03it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  68%|██████       | 6767/10000 [09:21<04:06, 13.12it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  68%|██████       | 6769/10000 [09:21<04:08, 12.98it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 24ms/step

  68%|██████       | 6771/10000 [09:21<04:13, 12.75it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████       | 6773/10000 [09:22<04:21, 12.35it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 52ms/step

  68%|██████       | 6775/10000 [09:22<04:26, 12.10it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████       | 6777/10000 [09:22<04:24, 12.18it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████       | 6779/10000 [09:22<04:20, 12.37it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████       | 6781/10000 [09:22<04:16, 12.57it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 43ms/step

  68%|██████       | 6783/10000 [09:22<04:28, 11.96it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████       | 6785/10000 [09:22<04:23, 12.21it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  68%|██████       | 6787/10000 [09:23<04:15, 12.58it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
```

```
  68%|███████    | 6789/10000 [09:23<04:13, 12.66it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  68%|███████    | 6791/10000 [09:23<04:12, 12.72it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  68%|███████    | 6793/10000 [09:23<04:06, 13.02it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  68%|███████    | 6795/10000 [09:23<04:09, 12.85it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  68%|███████    | 6797/10000 [09:23<04:13, 12.61it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  68%|███████    | 6799/10000 [09:24<04:26, 12.01it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  68%|███████    | 6801/10000 [09:24<04:27, 11.95it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  68%|███████    | 6803/10000 [09:24<04:17, 12.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  68%|███████    | 6805/10000 [09:24<04:19, 12.30it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 32ms/step

  68%|███████    | 6807/10000 [09:24<04:13, 12.60it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  68%|███████    | 6809/10000 [09:24<04:12, 12.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
```

```
 68%|██████     | 6811/10000 [09:25<04:08, 12.81it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 68%|██████     | 6813/10000 [09:25<04:11, 12.69it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 47ms/step

 68%|██████     | 6815/10000 [09:25<04:25, 11.98it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 68%|██████     | 6817/10000 [09:25<04:19, 12.26it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 68%|██████     | 6819/10000 [09:25<04:27, 11.89it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 68%|██████     | 6821/10000 [09:25<04:18, 12.29it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

 68%|██████     | 6823/10000 [09:26<04:14, 12.48it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 35ms/step

 68%|██████     | 6825/10000 [09:26<04:15, 12.43it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

 68%|██████     | 6827/10000 [09:26<04:21, 12.14it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 68%|██████     | 6829/10000 [09:26<04:18, 12.27it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 37ms/step

 68%|██████     | 6831/10000 [09:26<04:17, 12.30it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 25ms/step
```

```
  68%|███████     | 6833/10000 [09:26<04:13, 12.50it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  68%|███████     | 6835/10000 [09:27<04:15, 12.38it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  68%|███████     | 6837/10000 [09:27<04:17, 12.29it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  68%|███████     | 6839/10000 [09:27<04:08, 12.71it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  68%|███████     | 6841/10000 [09:27<04:03, 12.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  68%|███████     | 6843/10000 [09:27<04:12, 12.51it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 43ms/step

  68%|███████     | 6845/10000 [09:27<04:29, 11.70it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  68%|███████     | 6847/10000 [09:28<04:29, 11.69it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 41ms/step

  68%|███████     | 6849/10000 [09:28<04:30, 11.63it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  69%|███████     | 6851/10000 [09:28<04:22, 12.00it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 30ms/step

  69%|███████     | 6853/10000 [09:28<04:29, 11.69it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 55ms/step
```

```
 69%|███████     | 6855/10000 [09:28<04:49, 10.86it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 57ms/step
 69%|███████     | 6857/10000 [09:28<05:08, 10.19it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step
 69%|███████     | 6859/10000 [09:29<05:00, 10.47it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 71ms/step
 69%|███████     | 6861/10000 [09:29<05:31,  9.46it/s]

1/1 [==============================] - 0s 63ms/step
 69%|███████     | 6862/10000 [09:29<05:46,  9.06it/s]

1/1 [==============================] - 0s 39ms/step
 69%|███████     | 6863/10000 [09:29<05:47,  9.04it/s]

1/1 [==============================] - 0s 40ms/step
 69%|███████     | 6864/10000 [09:29<05:42,  9.16it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 38ms/step
 69%|███████     | 6866/10000 [09:29<05:18,  9.85it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 41ms/step
 69%|███████     | 6868/10000 [09:30<05:15,  9.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step
 69%|███████     | 6870/10000 [09:30<05:09, 10.13it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step
 69%|███████     | 6872/10000 [09:30<05:04, 10.27it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step
 69%|███████     | 6874/10000 [09:30<04:57, 10.49it/s]
```

```
1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 47ms/step

  69%|██████      | 6876/10000 [09:30<05:06, 10.19it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 45ms/step

  69%|██████      | 6878/10000 [09:31<05:13,  9.97it/s]

1/1 [==============================] - 0s 35ms/step

  69%|██████      | 6879/10000 [09:31<05:19,  9.76it/s]

1/1 [==============================] - 0s 53ms/step

  69%|██████      | 6880/10000 [09:31<05:31,  9.42it/s]

1/1 [==============================] - 0s 57ms/step

  69%|██████      | 6881/10000 [09:31<05:48,  8.95it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

  69%|██████      | 6883/10000 [09:31<05:25,  9.59it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 34ms/step

  69%|██████      | 6885/10000 [09:31<05:12,  9.98it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 40ms/step

  69%|██████      | 6887/10000 [09:32<05:01, 10.33it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  69%|██████      | 6889/10000 [09:32<05:01, 10.33it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step

  69%|██████      | 6891/10000 [09:32<04:49, 10.76it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  69%|██████      | 6893/10000 [09:32<04:36, 11.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 45ms/step
```

```
 69%|██████    | 6895/10000 [09:32<04:26, 11.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

 69%|██████    | 6897/10000 [09:32<04:19, 11.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 69%|██████    | 6899/10000 [09:33<04:17, 12.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 69%|██████    | 6901/10000 [09:33<04:15, 12.15it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 40ms/step

 69%|██████    | 6903/10000 [09:33<04:09, 12.40it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 69%|██████    | 6905/10000 [09:33<04:21, 11.83it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 69%|██████    | 6907/10000 [09:33<04:17, 12.02it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 69%|██████    | 6909/10000 [09:33<04:10, 12.32it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 69%|██████    | 6911/10000 [09:33<04:05, 12.59it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 42ms/step

 69%|██████    | 6913/10000 [09:34<04:23, 11.71it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 69%|██████    | 6915/10000 [09:34<04:20, 11.84it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step
```

```
  69%|██████       | 6917/10000 [09:34<04:13, 12.18it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6919/10000 [09:34<04:06, 12.49it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6921/10000 [09:34<03:58, 12.90it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6923/10000 [09:34<04:00, 12.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6925/10000 [09:35<03:59, 12.83it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  69%|██████       | 6927/10000 [09:35<04:04, 12.57it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6929/10000 [09:35<04:00, 12.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
  69%|██████       | 6931/10000 [09:35<04:02, 12.68it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
  69%|██████       | 6933/10000 [09:35<03:56, 12.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6935/10000 [09:35<04:09, 12.26it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step
  69%|██████       | 6937/10000 [09:36<04:13, 12.08it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step
```

```
 69%|██████     | 6939/10000 [09:36<04:10, 12.21it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 69%|██████     | 6941/10000 [09:36<04:08, 12.31it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 27ms/step
 69%|██████     | 6943/10000 [09:36<04:37, 11.03it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 69%|██████     | 6945/10000 [09:36<04:23, 11.60it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 43ms/step
 69%|██████     | 6947/10000 [09:36<04:24, 11.54it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 42ms/step
 69%|██████     | 6949/10000 [09:37<04:30, 11.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 70%|██████     | 6951/10000 [09:37<04:13, 12.01it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 30ms/step
 70%|██████     | 6953/10000 [09:37<04:02, 12.54it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
 70%|██████     | 6955/10000 [09:37<03:58, 12.77it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 70%|██████     | 6957/10000 [09:37<04:10, 12.17it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 46ms/step
 70%|██████     | 6959/10000 [09:37<04:16, 11.84it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 70%|██████    | 6961/10000 [09:38<04:07, 12.25it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

 70%|██████    | 6963/10000 [09:38<04:09, 12.16it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

 70%|██████    | 6965/10000 [09:38<04:11, 12.09it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 70%|██████    | 6967/10000 [09:38<04:04, 12.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step

 70%|██████    | 6969/10000 [09:38<04:09, 12.15it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 70%|██████    | 6971/10000 [09:38<04:09, 12.15it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step

 70%|██████    | 6973/10000 [09:39<04:05, 12.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

 70%|██████    | 6975/10000 [09:39<04:10, 12.09it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 70%|██████    | 6977/10000 [09:39<04:08, 12.16it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 70%|██████    | 6979/10000 [09:39<04:07, 12.19it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 25ms/step

 70%|██████    | 6981/10000 [09:39<04:04, 12.37it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 42ms/step
```

```
  70%|██████      | 6983/10000 [09:39<04:14, 11.84it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step
  70%|██████      | 6985/10000 [09:40<04:20, 11.58it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
  70%|██████      | 6987/10000 [09:40<04:12, 11.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  70%|██████      | 6989/10000 [09:40<04:01, 12.44it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  70%|██████      | 6991/10000 [09:40<03:57, 12.67it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
  70%|██████      | 6993/10000 [09:40<03:57, 12.66it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
  70%|██████      | 6995/10000 [09:40<04:06, 12.17it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
  70%|██████      | 6997/10000 [09:41<04:08, 12.07it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  70%|██████      | 6999/10000 [09:41<04:04, 12.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  70%|██████      | 7001/10000 [09:41<04:01, 12.42it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
  70%|██████      | 7003/10000 [09:41<03:58, 12.54it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 70%|██████      | 7005/10000 [09:41<03:52, 12.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 70%|██████      | 7007/10000 [09:41<03:43, 13.38it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
 70%|██████      | 7009/10000 [09:41<03:56, 12.64it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
 70%|██████      | 7011/10000 [09:42<03:59, 12.49it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 40ms/step
 70%|██████      | 7013/10000 [09:42<04:05, 12.17it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 33ms/step
 70%|██████      | 7015/10000 [09:42<04:18, 11.54it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step
 70%|██████      | 7017/10000 [09:42<04:20, 11.45it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 32ms/step
 70%|██████      | 7019/10000 [09:42<04:24, 11.27it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 41ms/step
 70%|██████      | 7021/10000 [09:43<04:42, 10.56it/s]

1/1 [==============================] - 0s 61ms/step
1/1 [==============================] - 0s 28ms/step
 70%|██████      | 7023/10000 [09:43<04:50, 10.26it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 54ms/step
 70%|██████      | 7025/10000 [09:43<05:08,  9.66it/s]

1/1 [==============================] - 0s 31ms/step
 70%|██████      | 7026/10000 [09:43<05:07,  9.66it/s]
```

```
1/1 [==============================] - 0s 33ms/step
  70%|███████    | 7027/10000 [09:43<05:09,  9.59it/s]
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 43ms/step
  70%|███████    | 7029/10000 [09:43<05:04,  9.76it/s]
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 67ms/step
  70%|███████    | 7031/10000 [09:44<05:06,  9.67it/s]
1/1 [==============================] - 0s 56ms/step
  70%|███████    | 7032/10000 [09:44<05:17,  9.36it/s]
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 31ms/step
  70%|███████    | 7034/10000 [09:44<05:03,  9.78it/s]
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 37ms/step
  70%|███████    | 7036/10000 [09:44<04:56, 10.00it/s]
1/1 [==============================] - 0s 41ms/step
  70%|███████    | 7037/10000 [09:44<05:02,  9.79it/s]
1/1 [==============================] - 0s 41ms/step
  70%|███████    | 7038/10000 [09:44<05:15,  9.38it/s]
1/1 [==============================] - 0s 46ms/step
  70%|███████    | 7039/10000 [09:45<05:18,  9.31it/s]
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 39ms/step
  70%|███████    | 7041/10000 [09:45<04:59,  9.88it/s]
1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 57ms/step
  70%|███████    | 7043/10000 [09:45<05:04,  9.71it/s]
1/1 [==============================] - 0s 60ms/step
  70%|███████    | 7044/10000 [09:45<05:14,  9.41it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 61ms/step

   70%|███████      | 7046/10000 [09:45<05:17,  9.31it/s]

1/1 [==============================] - 0s 29ms/step

   70%|███████      | 7047/10000 [09:45<05:13,  9.43it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

   70%|███████      | 7049/10000 [09:46<04:48, 10.24it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

   71%|███████      | 7051/10000 [09:46<04:25, 11.12it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

   71%|███████      | 7053/10000 [09:46<04:21, 11.25it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

   71%|███████      | 7055/10000 [09:46<04:15, 11.51it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

   71%|███████      | 7057/10000 [09:46<04:19, 11.36it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

   71%|███████      | 7059/10000 [09:46<04:14, 11.56it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

   71%|███████      | 7061/10000 [09:47<04:11, 11.68it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

   71%|███████      | 7063/10000 [09:47<04:08, 11.83it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

   71%|███████      | 7065/10000 [09:47<04:12, 11.62it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████       | 7067/10000 [09:47<04:13, 11.56it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████       | 7069/10000 [09:47<04:12, 11.60it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████       | 7071/10000 [09:47<04:08, 11.78it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████       | 7073/10000 [09:48<03:59, 12.24it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████       | 7075/10000 [09:48<04:01, 12.12it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

  71%|███████       | 7077/10000 [09:48<03:51, 12.61it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████       | 7079/10000 [09:48<03:55, 12.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

  71%|███████       | 7081/10000 [09:48<03:47, 12.82it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████       | 7083/10000 [09:48<03:50, 12.63it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  71%|███████       | 7085/10000 [09:48<03:49, 12.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 40ms/step

  71%|███████       | 7087/10000 [09:49<03:56, 12.29it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████      | 7089/10000 [09:49<03:59, 12.16it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 34ms/step

  71%|███████      | 7091/10000 [09:49<04:07, 11.74it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████      | 7093/10000 [09:49<04:12, 11.51it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████      | 7095/10000 [09:49<03:58, 12.21it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████      | 7097/10000 [09:49<03:47, 12.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████      | 7099/10000 [09:50<03:45, 12.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████      | 7101/10000 [09:50<03:55, 12.33it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████      | 7103/10000 [09:50<03:53, 12.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  71%|███████      | 7105/10000 [09:50<03:58, 12.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  71%|███████      | 7107/10000 [09:50<03:58, 12.11it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████      | 7109/10000 [09:50<04:03, 11.89it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  71%|███████    | 7111/10000 [09:51<03:59, 12.05it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████    | 7113/10000 [09:51<03:49, 12.60it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████    | 7115/10000 [09:51<03:47, 12.68it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████    | 7117/10000 [09:51<03:47, 12.69it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████    | 7119/10000 [09:51<04:03, 11.83it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████    | 7121/10000 [09:51<03:56, 12.20it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 44ms/step

  71%|███████    | 7123/10000 [09:52<03:58, 12.08it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  71%|███████    | 7125/10000 [09:52<03:59, 12.02it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████    | 7127/10000 [09:52<04:06, 11.68it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████    | 7129/10000 [09:52<04:01, 11.88it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  71%|███████    | 7131/10000 [09:52<03:55, 12.18it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████     | 7133/10000 [09:52<03:50, 12.44it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  71%|███████     | 7135/10000 [09:53<03:40, 13.00it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  71%|███████     | 7137/10000 [09:53<03:55, 12.16it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████     | 7139/10000 [09:53<03:53, 12.24it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████     | 7141/10000 [09:53<03:53, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step

  71%|███████     | 7143/10000 [09:53<03:55, 12.13it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████     | 7145/10000 [09:53<04:00, 11.88it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  71%|███████     | 7147/10000 [09:54<03:57, 12.00it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  71%|███████     | 7149/10000 [09:54<03:58, 11.96it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  72%|███████     | 7151/10000 [09:54<03:47, 12.51it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step

  72%|███████     | 7153/10000 [09:54<03:58, 11.91it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

 72%|███████     | 7155/10000 [09:54<04:00, 11.83it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 72%|███████     | 7157/10000 [09:54<03:56, 12.03it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 72%|███████     | 7159/10000 [09:55<03:49, 12.36it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 72%|███████     | 7161/10000 [09:55<03:54, 12.10it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 36ms/step

 72%|███████     | 7163/10000 [09:55<04:01, 11.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 72%|███████     | 7165/10000 [09:55<04:05, 11.57it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 36ms/step

 72%|███████     | 7167/10000 [09:55<03:57, 11.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 72%|███████     | 7169/10000 [09:55<03:49, 12.32it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 36ms/step

 72%|███████     | 7171/10000 [09:56<03:51, 12.20it/s]

1/1 [==============================] - 0s 63ms/step
1/1 [==============================] - 0s 35ms/step

 72%|███████     | 7173/10000 [09:56<04:14, 11.09it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 29ms/step

 72%|███████     | 7175/10000 [09:56<04:22, 10.78it/s]
```

```
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 32ms/step
  72%|███████      | 7177/10000 [09:56<04:19, 10.89it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  72%|███████      | 7179/10000 [09:56<04:14, 11.09it/s]
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 38ms/step
  72%|███████      | 7181/10000 [09:57<04:26, 10.60it/s]
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 44ms/step
  72%|███████      | 7183/10000 [09:57<04:31, 10.38it/s]
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 35ms/step
  72%|███████      | 7185/10000 [09:57<04:29, 10.43it/s]
1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 42ms/step
  72%|███████      | 7187/10000 [09:57<04:40, 10.03it/s]
1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 35ms/step
  72%|███████      | 7189/10000 [09:57<04:47,  9.78it/s]
1/1 [==============================] - 0s 32ms/step
  72%|███████      | 7190/10000 [09:57<04:47,  9.77it/s]
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 42ms/step
  72%|███████      | 7192/10000 [09:58<04:43,  9.90it/s]
1/1 [==============================] - 0s 55ms/step
  72%|███████      | 7193/10000 [09:58<04:56,  9.48it/s]
1/1 [==============================] - 0s 55ms/step
  72%|███████      | 7194/10000 [09:58<05:04,  9.20it/s]
1/1 [==============================] - 0s 51ms/step
  72%|███████      | 7195/10000 [09:58<05:07,  9.13it/s]
```

```
1/1 [==============================] - 0s 46ms/step

  72%|██████        | 7196/10000 [09:58<05:04,  9.20it/s]

1/1 [==============================] - 0s 50ms/step

  72%|██████        | 7197/10000 [09:58<05:05,  9.19it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 39ms/step

  72%|██████        | 7199/10000 [09:58<04:58,  9.38it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 34ms/step

  72%|██████        | 7201/10000 [09:59<04:44,  9.82it/s]

1/1 [==============================] - 0s 40ms/step

  72%|██████        | 7202/10000 [09:59<04:48,  9.70it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 43ms/step

  72%|██████        | 7204/10000 [09:59<04:30, 10.33it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

  72%|██████        | 7206/10000 [09:59<04:11, 11.10it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

  72%|██████        | 7208/10000 [09:59<04:08, 11.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  72%|██████        | 7210/10000 [09:59<04:00, 11.62it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  72%|██████        | 7212/10000 [10:00<03:59, 11.64it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step

  72%|██████        | 7214/10000 [10:00<03:50, 12.07it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
```

```
  72%|██████    | 7216/10000 [10:00<03:45, 12.35it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  72%|██████    | 7218/10000 [10:00<03:45, 12.36it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  72%|██████    | 7220/10000 [10:00<03:37, 12.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  72%|██████    | 7222/10000 [10:00<03:37, 12.79it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step
  72%|██████    | 7224/10000 [10:00<03:31, 13.12it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
  72%|██████    | 7226/10000 [10:01<03:30, 13.21it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  72%|██████    | 7228/10000 [10:01<03:26, 13.43it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step
  72%|██████    | 7230/10000 [10:01<03:23, 13.62it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
  72%|██████    | 7232/10000 [10:01<03:23, 13.63it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 53ms/step
  72%|██████    | 7234/10000 [10:01<03:37, 12.74it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step
  72%|██████    | 7236/10000 [10:01<03:40, 12.53it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 32ms/step
```

```
 72%|██████      | 7238/10000 [10:02<03:46, 12.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step
 72%|██████      | 7240/10000 [10:02<03:44, 12.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 72%|██████      | 7242/10000 [10:02<03:39, 12.58it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 72%|██████      | 7244/10000 [10:02<03:47, 12.14it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step
 72%|██████      | 7246/10000 [10:02<03:49, 11.99it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
 72%|██████      | 7248/10000 [10:02<03:52, 11.83it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step
 72%|██████      | 7250/10000 [10:03<03:54, 11.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 73%|██████      | 7252/10000 [10:03<03:45, 12.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 73%|██████      | 7254/10000 [10:03<03:41, 12.38it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 73%|██████      | 7256/10000 [10:03<03:37, 12.59it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 73%|██████      | 7258/10000 [10:03<03:32, 12.93it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 25ms/step
```

```
  73%|███████      | 7260/10000 [10:03<03:31, 12.93it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  73%|███████      | 7262/10000 [10:03<03:29, 13.07it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

  73%|███████      | 7264/10000 [10:04<03:41, 12.35it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  73%|███████      | 7266/10000 [10:04<03:35, 12.66it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  73%|███████      | 7268/10000 [10:04<03:36, 12.62it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  73%|███████      | 7270/10000 [10:04<03:37, 12.57it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  73%|███████      | 7272/10000 [10:04<03:32, 12.82it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

  73%|███████      | 7274/10000 [10:04<03:25, 13.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 32ms/step

  73%|███████      | 7276/10000 [10:05<03:22, 13.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step

  73%|███████      | 7278/10000 [10:05<03:24, 13.30it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step

  73%|███████      | 7280/10000 [10:05<03:34, 12.66it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  73%|█████     | 7282/10000 [10:05<03:29, 12.97it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 32ms/step
  73%|█████     | 7284/10000 [10:05<03:31, 12.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
  73%|█████     | 7286/10000 [10:05<03:30, 12.87it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  73%|█████     | 7288/10000 [10:06<03:26, 13.16it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step
  73%|█████     | 7290/10000 [10:06<03:34, 12.66it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
  73%|█████     | 7292/10000 [10:06<03:35, 12.57it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  73%|█████     | 7294/10000 [10:06<03:31, 12.78it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 41ms/step
  73%|█████     | 7296/10000 [10:06<03:41, 12.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  73%|█████     | 7298/10000 [10:06<03:50, 11.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
  73%|█████     | 7300/10000 [10:06<03:39, 12.32it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step
  73%|█████     | 7302/10000 [10:07<03:49, 11.74it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 73%|██████      | 7304/10000 [10:07<03:45, 11.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 73%|██████      | 7306/10000 [10:07<03:50, 11.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 73%|██████      | 7308/10000 [10:07<03:43, 12.03it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
 73%|██████      | 7310/10000 [10:07<03:38, 12.32it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 37ms/step
 73%|██████      | 7312/10000 [10:07<03:38, 12.28it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step
 73%|██████      | 7314/10000 [10:08<03:43, 12.03it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 30ms/step
 73%|██████      | 7316/10000 [10:08<03:48, 11.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
 73%|██████      | 7318/10000 [10:08<03:46, 11.86it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 25ms/step
 73%|██████      | 7320/10000 [10:08<03:50, 11.61it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step
 73%|██████      | 7322/10000 [10:08<03:48, 11.73it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step
 73%|██████      | 7324/10000 [10:09<03:53, 11.48it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  73%|██████      | 7326/10000 [10:09<03:54, 11.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  73%|██████      | 7328/10000 [10:09<03:45, 11.84it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step
  73%|██████      | 7330/10000 [10:09<03:44, 11.91it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 38ms/step
  73%|██████      | 7332/10000 [10:09<03:52, 11.48it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 43ms/step
  73%|██████      | 7334/10000 [10:09<04:06, 10.83it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 48ms/step
  73%|██████      | 7336/10000 [10:10<04:19, 10.26it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 34ms/step
  73%|██████      | 7338/10000 [10:10<04:24, 10.06it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 51ms/step
  73%|██████      | 7340/10000 [10:10<04:39,  9.52it/s]

1/1 [==============================] - 0s 60ms/step
  73%|██████      | 7341/10000 [10:10<04:53,  9.07it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 42ms/step
  73%|██████      | 7343/10000 [10:10<04:43,  9.37it/s]

1/1 [==============================] - 0s 42ms/step
  73%|██████      | 7344/10000 [10:11<04:42,  9.39it/s]

1/1 [==============================] - 0s 57ms/step
  73%|██████      | 7345/10000 [10:11<04:51,  9.11it/s]

1/1 [==============================] - 0s 42ms/step
```

```
 73%|███████      | 7346/10000 [10:11<04:48,  9.21it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 52ms/step
 73%|███████      | 7348/10000 [10:11<04:44,  9.32it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 58ms/step
 74%|███████      | 7350/10000 [10:11<04:47,  9.23it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 39ms/step
 74%|███████      | 7352/10000 [10:11<04:32,  9.72it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 56ms/step
 74%|███████      | 7354/10000 [10:12<04:31,  9.74it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 55ms/step
 74%|███████      | 7356/10000 [10:12<04:37,  9.52it/s]

1/1 [==============================] - 0s 45ms/step
 74%|███████      | 7357/10000 [10:12<04:37,  9.53it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 36ms/step
 74%|███████      | 7359/10000 [10:12<04:34,  9.62it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 29ms/step
 74%|███████      | 7361/10000 [10:12<04:18, 10.20it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 74%|███████      | 7363/10000 [10:12<04:00, 10.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 74%|███████      | 7365/10000 [10:13<03:57, 11.11it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step
 74%|███████      | 7367/10000 [10:13<03:45, 11.67it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

  74%|███████    | 7369/10000 [10:13<03:48, 11.53it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  74%|███████    | 7371/10000 [10:13<03:37, 12.09it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  74%|███████    | 7373/10000 [10:13<03:31, 12.42it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step

  74%|███████    | 7375/10000 [10:13<03:26, 12.69it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  74%|███████    | 7377/10000 [10:14<03:32, 12.32it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 38ms/step

  74%|███████    | 7379/10000 [10:14<03:37, 12.04it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  74%|███████    | 7381/10000 [10:14<03:34, 12.22it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  74%|███████    | 7383/10000 [10:14<03:29, 12.46it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 27ms/step

  74%|███████    | 7385/10000 [10:14<03:35, 12.12it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 45ms/step

  74%|███████    | 7387/10000 [10:14<03:41, 11.81it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  74%|███████    | 7389/10000 [10:15<03:49, 11.40it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 74%|███████     | 7391/10000 [10:15<03:46, 11.50it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

 74%|███████     | 7393/10000 [10:15<03:48, 11.41it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 74%|███████     | 7395/10000 [10:15<03:41, 11.76it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

 74%|███████     | 7397/10000 [10:15<03:39, 11.84it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

 74%|███████     | 7399/10000 [10:15<03:40, 11.79it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

 74%|███████     | 7401/10000 [10:16<03:41, 11.73it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

 74%|███████     | 7403/10000 [10:16<03:41, 11.71it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 46ms/step

 74%|███████     | 7405/10000 [10:16<03:50, 11.26it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step

 74%|███████     | 7407/10000 [10:16<03:47, 11.40it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 27ms/step

 74%|███████     | 7409/10000 [10:16<03:47, 11.40it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 43ms/step

 74%|███████     | 7411/10000 [10:17<03:52, 11.12it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

 74%|███████      | 7413/10000 [10:17<03:47, 11.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 74%|███████      | 7415/10000 [10:17<03:44, 11.54it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 74%|███████      | 7417/10000 [10:17<03:40, 11.74it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 74%|███████      | 7419/10000 [10:17<03:37, 11.89it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 74%|███████      | 7421/10000 [10:17<03:33, 12.08it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 74%|███████      | 7423/10000 [10:18<03:35, 11.96it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 74%|███████      | 7425/10000 [10:18<03:33, 12.07it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 74%|███████      | 7427/10000 [10:18<03:22, 12.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 74%|███████      | 7429/10000 [10:18<03:14, 13.19it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

 74%|███████      | 7431/10000 [10:18<03:19, 12.85it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 74%|███████      | 7433/10000 [10:18<03:20, 12.83it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 42ms/step

 74%|███████     | 7435/10000 [10:18<03:31, 12.14it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 41ms/step

 74%|███████     | 7437/10000 [10:19<03:45, 11.36it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 74%|███████     | 7439/10000 [10:19<03:49, 11.15it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 42ms/step

 74%|███████     | 7441/10000 [10:19<03:51, 11.07it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step

 74%|███████     | 7443/10000 [10:19<03:45, 11.35it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 36ms/step

 74%|███████     | 7445/10000 [10:19<03:44, 11.41it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 74%|███████     | 7447/10000 [10:20<03:45, 11.31it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 74%|███████     | 7449/10000 [10:20<03:36, 11.79it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 28ms/step

 75%|███████     | 7451/10000 [10:20<03:39, 11.60it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 75%|███████     | 7453/10000 [10:20<03:36, 11.74it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step

 75%|███████     | 7455/10000 [10:20<03:40, 11.56it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  75%|██████      | 7457/10000 [10:20<03:39, 11.59it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 25ms/step

  75%|██████      | 7459/10000 [10:21<03:35, 11.82it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  75%|██████      | 7461/10000 [10:21<03:31, 12.00it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  75%|██████      | 7463/10000 [10:21<03:26, 12.30it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  75%|██████      | 7465/10000 [10:21<03:26, 12.30it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step

  75%|██████      | 7467/10000 [10:21<03:27, 12.21it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

  75%|██████      | 7469/10000 [10:21<03:32, 11.92it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 36ms/step

  75%|██████      | 7471/10000 [10:22<03:36, 11.66it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  75%|██████      | 7473/10000 [10:22<03:35, 11.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 63ms/step

  75%|██████      | 7475/10000 [10:22<06:18,  6.67it/s]

1/1 [==============================] - 0s 56ms/step

  75%|██████      | 7476/10000 [10:22<06:02,  6.97it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 40ms/step

  75%|███████      | 7478/10000 [10:23<05:21,  7.85it/s]

1/1 [==============================] - 0s 39ms/step

  75%|███████      | 7479/10000 [10:23<05:11,  8.10it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 40ms/step

  75%|███████      | 7481/10000 [10:23<04:49,  8.70it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

  75%|███████      | 7483/10000 [10:23<04:38,  9.03it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 34ms/step

  75%|███████      | 7485/10000 [10:23<04:28,  9.37it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████      | 7487/10000 [10:24<04:10, 10.03it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

  75%|███████      | 7489/10000 [10:24<03:52, 10.80it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████      | 7491/10000 [10:24<03:46, 11.06it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 35ms/step

  75%|███████      | 7493/10000 [10:24<03:50, 10.89it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 34ms/step

  75%|███████      | 7495/10000 [10:24<03:48, 10.96it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 41ms/step

  75%|███████      | 7497/10000 [10:24<03:57, 10.53it/s]
```

```
1/1 [==============================] - 0s 63ms/step
1/1 [==============================] - 0s 67ms/step

  75%|███████    | 7499/10000 [10:25<04:28,  9.30it/s]

1/1 [==============================] - 0s 52ms/step

  75%|███████    | 7500/10000 [10:25<04:31,  9.21it/s]

1/1 [==============================] - 0s 38ms/step

  75%|███████    | 7501/10000 [10:25<04:34,  9.12it/s]

1/1 [==============================] - 0s 68ms/step

  75%|███████    | 7502/10000 [10:25<04:52,  8.55it/s]

1/1 [==============================] - 0s 69ms/step

  75%|███████    | 7503/10000 [10:25<05:05,  8.18it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 53ms/step

  75%|███████    | 7505/10000 [10:25<04:57,  8.40it/s]

1/1 [==============================] - 0s 62ms/step

  75%|███████    | 7506/10000 [10:26<05:09,  8.05it/s]

1/1 [==============================] - 0s 67ms/step

  75%|███████    | 7507/10000 [10:26<05:21,  7.74it/s]

1/1 [==============================] - 0s 36ms/step

  75%|███████    | 7508/10000 [10:26<05:16,  7.87it/s]

1/1 [==============================] - 0s 50ms/step

  75%|███████    | 7509/10000 [10:26<04:59,  8.32it/s]

1/1 [==============================] - 0s 32ms/step

  75%|███████    | 7510/10000 [10:26<04:49,  8.60it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████    | 7512/10000 [10:26<04:08, 10.00it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

  75%|███████    | 7514/10000 [10:26<03:50, 10.80it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████     | 7516/10000 [10:27<03:45, 11.03it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 36ms/step

  75%|███████     | 7518/10000 [10:27<03:45, 11.00it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

  75%|███████     | 7520/10000 [10:27<03:42, 11.17it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

  75%|███████     | 7522/10000 [10:27<03:39, 11.29it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

  75%|███████     | 7524/10000 [10:27<03:46, 10.94it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 45ms/step

  75%|███████     | 7526/10000 [10:27<03:44, 11.03it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  75%|███████     | 7528/10000 [10:28<03:45, 10.94it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████     | 7530/10000 [10:28<03:39, 11.25it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 53ms/step

  75%|███████     | 7532/10000 [10:28<03:48, 10.80it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

  75%|███████     | 7534/10000 [10:28<03:44, 11.01it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 32ms/step

  75%|███████     | 7536/10000 [10:28<03:49, 10.76it/s]
```

```
1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 32ms/step

  75%|███████    | 7538/10000 [10:29<03:57, 10.39it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 38ms/step

  75%|███████    | 7540/10000 [10:29<03:59, 10.29it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████    | 7542/10000 [10:29<03:49, 10.72it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 41ms/step

  75%|███████    | 7544/10000 [10:29<03:46, 10.85it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step

  75%|███████    | 7546/10000 [10:29<03:45, 10.90it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 56ms/step

  75%|███████    | 7548/10000 [10:30<03:53, 10.51it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 33ms/step

  76%|███████    | 7550/10000 [10:30<03:53, 10.48it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 29ms/step

  76%|███████    | 7552/10000 [10:30<03:42, 11.01it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 38ms/step

  76%|███████    | 7554/10000 [10:30<03:38, 11.17it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  76%|███████    | 7556/10000 [10:30<03:33, 11.42it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

  76%|███████    | 7558/10000 [10:30<03:33, 11.44it/s]
```

```
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 28ms/step

  76%|███████      | 7560/10000 [10:31<03:27, 11.75it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 32ms/step

  76%|███████      | 7562/10000 [10:31<03:33, 11.44it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 32ms/step

  76%|███████      | 7564/10000 [10:31<03:36, 11.27it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

  76%|███████      | 7566/10000 [10:31<03:32, 11.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  76%|███████      | 7568/10000 [10:31<03:28, 11.68it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step

  76%|███████      | 7570/10000 [10:31<03:33, 11.40it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  76%|███████      | 7572/10000 [10:32<03:28, 11.64it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 37ms/step

  76%|███████      | 7574/10000 [10:32<03:27, 11.71it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 27ms/step

  76%|███████      | 7576/10000 [10:32<03:30, 11.50it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

  76%|███████      | 7578/10000 [10:32<03:26, 11.70it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

  76%|███████      | 7580/10000 [10:32<03:29, 11.56it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

  76%|███████    | 7582/10000 [10:32<03:21, 12.00it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step

  76%|███████    | 7584/10000 [10:33<03:19, 12.09it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 25ms/step

  76%|███████    | 7586/10000 [10:33<03:17, 12.22it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

  76%|███████    | 7588/10000 [10:33<03:14, 12.41it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

  76%|███████    | 7590/10000 [10:33<03:11, 12.56it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 45ms/step

  76%|███████    | 7592/10000 [10:33<03:20, 12.02it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 29ms/step

  76%|███████    | 7594/10000 [10:33<03:21, 11.95it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  76%|███████    | 7596/10000 [10:34<03:13, 12.42it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 37ms/step

  76%|███████    | 7598/10000 [10:34<03:20, 11.98it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  76%|███████    | 7600/10000 [10:34<03:22, 11.85it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  76%|███████    | 7602/10000 [10:34<03:11, 12.50it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  76%|██████    | 7604/10000 [10:34<03:07, 12.75it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  76%|██████    | 7606/10000 [10:34<03:06, 12.86it/s]
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step
  76%|██████    | 7608/10000 [10:35<03:10, 12.58it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step
  76%|██████    | 7610/10000 [10:35<03:12, 12.40it/s]
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  76%|██████    | 7612/10000 [10:35<03:16, 12.14it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  76%|██████    | 7614/10000 [10:35<03:15, 12.20it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
  76%|██████    | 7616/10000 [10:35<03:16, 12.16it/s]
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  76%|██████    | 7618/10000 [10:35<03:13, 12.29it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  76%|██████    | 7620/10000 [10:36<03:15, 12.19it/s]
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
  76%|██████    | 7622/10000 [10:36<03:06, 12.77it/s]
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 31ms/step
  76%|██████    | 7624/10000 [10:36<03:22, 11.71it/s]
```

```
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 38ms/step

  76%|███████     | 7626/10000 [10:36<03:30, 11.30it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

  76%|███████     | 7628/10000 [10:36<03:29, 11.32it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 42ms/step

  76%|███████     | 7630/10000 [10:36<03:41, 10.69it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 41ms/step

  76%|███████     | 7632/10000 [10:37<03:41, 10.68it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 35ms/step

  76%|███████     | 7634/10000 [10:37<03:41, 10.68it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 39ms/step

  76%|███████     | 7636/10000 [10:37<03:38, 10.84it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 39ms/step

  76%|███████     | 7638/10000 [10:37<03:40, 10.72it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step

  76%|███████     | 7640/10000 [10:37<03:40, 10.69it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 55ms/step

  76%|███████     | 7642/10000 [10:38<03:51, 10.19it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 54ms/step

  76%|███████     | 7644/10000 [10:38<03:52, 10.13it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 37ms/step

  76%|███████     | 7646/10000 [10:38<03:52, 10.13it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

  76%|███████      | 7648/10000 [10:38<03:42, 10.56it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 59ms/step

  76%|███████      | 7650/10000 [10:38<03:56,  9.96it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 43ms/step

  77%|███████      | 7652/10000 [10:39<04:02,  9.67it/s]

1/1 [==============================] - 0s 54ms/step

  77%|███████      | 7653/10000 [10:39<04:10,  9.35it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 53ms/step

  77%|███████      | 7655/10000 [10:39<04:06,  9.50it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 57ms/step

  77%|███████      | 7657/10000 [10:39<04:09,  9.38it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 39ms/step

  77%|███████      | 7659/10000 [10:39<04:01,  9.68it/s]

1/1 [==============================] - 0s 31ms/step

  77%|███████      | 7660/10000 [10:39<04:01,  9.71it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 24ms/step

  77%|███████      | 7662/10000 [10:40<03:38, 10.70it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

  77%|███████      | 7664/10000 [10:40<03:44, 10.42it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

  77%|███████      | 7666/10000 [10:40<03:40, 10.57it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 77%|██████     | 7668/10000 [10:40<03:35, 10.80it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 39ms/step
 77%|██████     | 7670/10000 [10:40<03:37, 10.71it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step
 77%|██████     | 7672/10000 [10:41<03:29, 11.13it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step
 77%|██████     | 7674/10000 [10:41<03:24, 11.35it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 77%|██████     | 7676/10000 [10:41<03:16, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
 77%|██████     | 7678/10000 [10:41<03:19, 11.64it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step
 77%|██████     | 7680/10000 [10:41<03:15, 11.87it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step
 77%|██████     | 7682/10000 [10:41<03:18, 11.65it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 26ms/step
 77%|██████     | 7684/10000 [10:42<03:22, 11.46it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step
 77%|██████     | 7686/10000 [10:42<03:24, 11.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 77%|██████     | 7688/10000 [10:42<03:16, 11.77it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 77%|███████     | 7690/10000 [10:42<03:12, 11.98it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 77%|███████     | 7692/10000 [10:42<03:13, 11.95it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 29ms/step
 77%|███████     | 7694/10000 [10:42<03:13, 11.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 77%|███████     | 7696/10000 [10:43<03:12, 11.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
 77%|███████     | 7698/10000 [10:43<03:08, 12.24it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 77%|███████     | 7700/10000 [10:43<03:11, 12.01it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 28ms/step
 77%|███████     | 7702/10000 [10:43<03:07, 12.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 31ms/step
 77%|███████     | 7704/10000 [10:43<03:03, 12.55it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 25ms/step
 77%|███████     | 7706/10000 [10:43<03:04, 12.42it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step
 77%|███████     | 7708/10000 [10:43<03:04, 12.41it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step
 77%|███████     | 7710/10000 [10:44<03:00, 12.71it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 77%|██████      | 7712/10000 [10:44<03:06, 12.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 77%|██████      | 7714/10000 [10:44<03:01, 12.58it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 29ms/step

 77%|██████      | 7716/10000 [10:44<03:02, 12.51it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

 77%|██████      | 7718/10000 [10:44<02:55, 12.98it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 77%|██████      | 7720/10000 [10:44<02:54, 13.07it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 77%|██████      | 7722/10000 [10:45<03:00, 12.65it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 77%|██████      | 7724/10000 [10:45<02:58, 12.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 77%|██████      | 7726/10000 [10:45<02:52, 13.19it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 77%|██████      | 7728/10000 [10:45<02:51, 13.24it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 77%|██████      | 7730/10000 [10:45<02:54, 12.99it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 77%|██████      | 7732/10000 [10:45<02:53, 13.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step
```

```
 77%|████████        | 7734/10000 [10:46<02:58, 12.68it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

 77%|████████        | 7736/10000 [10:46<02:56, 12.85it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 77%|████████        | 7738/10000 [10:46<02:54, 12.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 77%|████████        | 7740/10000 [10:46<03:00, 12.55it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 77%|████████        | 7742/10000 [10:46<03:00, 12.49it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 77%|████████        | 7744/10000 [10:46<02:54, 12.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 77%|████████        | 7746/10000 [10:46<02:54, 12.89it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 77%|████████        | 7748/10000 [10:47<03:04, 12.18it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

 78%|████████        | 7750/10000 [10:47<03:03, 12.25it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 78%|████████        | 7752/10000 [10:47<03:00, 12.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

 78%|████████        | 7754/10000 [10:47<03:01, 12.37it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step
```

```
 78%|███████     | 7756/10000 [10:47<03:03, 12.20it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7758/10000 [10:47<02:59, 12.48it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7760/10000 [10:48<02:55, 12.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7762/10000 [10:48<02:52, 12.95it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7764/10000 [10:48<02:55, 12.72it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7766/10000 [10:48<03:00, 12.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 78%|███████     | 7768/10000 [10:48<02:54, 12.78it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7770/10000 [10:48<02:51, 13.03it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7772/10000 [10:49<02:56, 12.63it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step
 78%|███████     | 7774/10000 [10:49<02:52, 12.92it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 78%|███████     | 7776/10000 [10:49<02:51, 12.94it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 78%|██████   | 7778/10000 [10:49<02:54, 12.73it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 78%|██████   | 7780/10000 [10:49<02:50, 13.02it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step
 78%|██████   | 7782/10000 [10:49<02:55, 12.67it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 41ms/step
 78%|██████   | 7784/10000 [10:49<03:08, 11.76it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 35ms/step
 78%|██████   | 7786/10000 [10:50<03:10, 11.65it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 34ms/step
 78%|██████   | 7788/10000 [10:50<03:18, 11.16it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 37ms/step
 78%|██████   | 7790/10000 [10:50<03:20, 11.04it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 29ms/step
 78%|██████   | 7792/10000 [10:50<03:32, 10.38it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 44ms/step
 78%|██████   | 7794/10000 [10:50<03:39, 10.07it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 54ms/step
 78%|██████   | 7796/10000 [10:51<03:53,  9.45it/s]

1/1 [==============================] - 0s 51ms/step
 78%|██████   | 7797/10000 [10:51<03:57,  9.28it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 42ms/step
 78%|██████   | 7799/10000 [10:51<03:51,  9.53it/s]
```

```
1/1 [==============================] - 0s 46ms/step
  78%|████████    | 7800/10000 [10:51<03:52,  9.47it/s]
1/1 [==============================] - 0s 43ms/step
  78%|████████    | 7801/10000 [10:51<03:59,  9.18it/s]
1/1 [==============================] - 0s 51ms/step
  78%|████████    | 7802/10000 [10:51<04:03,  9.01it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 37ms/step
  78%|████████    | 7804/10000 [10:52<03:44,  9.79it/s]
1/1 [==============================] - 0s 53ms/step
  78%|████████    | 7805/10000 [10:52<03:56,  9.26it/s]
1/1 [==============================] - 0s 56ms/step
  78%|████████    | 7806/10000 [10:52<04:03,  9.01it/s]
1/1 [==============================] - 0s 54ms/step
  78%|████████    | 7807/10000 [10:52<04:07,  8.85it/s]
1/1 [==============================] - 0s 41ms/step
  78%|████████    | 7808/10000 [10:52<04:04,  8.96it/s]
1/1 [==============================] - 0s 40ms/step
  78%|████████    | 7809/10000 [10:52<03:58,  9.19it/s]
1/1 [==============================] - 0s 55ms/step
  78%|████████    | 7810/10000 [10:52<04:08,  8.80it/s]
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 54ms/step
  78%|████████    | 7812/10000 [10:52<04:08,  8.79it/s]
1/1 [==============================] - 0s 52ms/step
  78%|████████    | 7813/10000 [10:53<04:18,  8.46it/s]
1/1 [==============================] - 0s 56ms/step
  78%|████████    | 7814/10000 [10:53<04:20,  8.39it/s]
1/1 [==============================] - 0s 50ms/step
```

```
 78%|██████     | 7815/10000 [10:53<04:13,  8.63it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
 78%|██████     | 7817/10000 [10:53<03:33, 10.21it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 59ms/step
 78%|██████     | 7819/10000 [10:53<03:53,  9.34it/s]

1/1 [==============================] - 0s 40ms/step
 78%|██████     | 7820/10000 [10:53<03:53,  9.33it/s]

1/1 [==============================] - 0s 38ms/step
 78%|██████     | 7821/10000 [10:53<03:53,  9.35it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 29ms/step
 78%|██████     | 7823/10000 [10:54<03:37, 10.01it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 26ms/step
 78%|██████     | 7825/10000 [10:54<03:27, 10.49it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 78%|██████     | 7827/10000 [10:54<03:18, 10.94it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step
 78%|██████     | 7829/10000 [10:54<03:15, 11.11it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step
 78%|██████     | 7831/10000 [10:54<03:04, 11.78it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 31ms/step
 78%|██████     | 7833/10000 [10:54<03:02, 11.87it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 78%|██████     | 7835/10000 [10:55<02:58, 12.12it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
  78%|███████    | 7837/10000 [10:55<02:57, 12.19it/s]
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 25ms/step
  78%|███████    | 7839/10000 [10:55<02:52, 12.50it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  78%|███████    | 7841/10000 [10:55<02:53, 12.44it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  78%|███████    | 7843/10000 [10:55<02:51, 12.61it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  78%|███████    | 7845/10000 [10:55<02:52, 12.48it/s]
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
  78%|███████    | 7847/10000 [10:56<02:57, 12.11it/s]
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
  78%|███████    | 7849/10000 [10:56<02:57, 12.14it/s]
1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step
  79%|███████    | 7851/10000 [10:56<02:57, 12.09it/s]
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  79%|███████    | 7853/10000 [10:56<02:51, 12.48it/s]
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step
  79%|███████    | 7855/10000 [10:56<02:58, 12.03it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step
  79%|███████    | 7857/10000 [10:56<02:58, 12.03it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step

 79%|████████     | 7859/10000 [10:57<02:59, 11.96it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 79%|████████     | 7861/10000 [10:57<03:00, 11.82it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 27ms/step

 79%|████████     | 7863/10000 [10:57<03:06, 11.44it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 79%|████████     | 7865/10000 [10:57<03:04, 11.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 79%|████████     | 7867/10000 [10:57<03:01, 11.76it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 32ms/step

 79%|████████     | 7869/10000 [10:57<03:00, 11.82it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 79%|████████     | 7871/10000 [10:58<02:59, 11.85it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

 79%|████████     | 7873/10000 [10:58<03:04, 11.55it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

 79%|████████     | 7875/10000 [10:58<02:57, 11.98it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 79%|████████     | 7877/10000 [10:58<02:50, 12.48it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 79%|████████     | 7879/10000 [10:58<02:43, 12.98it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████     | 7881/10000 [10:58<02:48, 12.58it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 30ms/step

 79%|███████     | 7883/10000 [10:59<02:47, 12.61it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

 79%|███████     | 7885/10000 [10:59<02:46, 12.68it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 79%|███████     | 7887/10000 [10:59<02:46, 12.73it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 79%|███████     | 7889/10000 [10:59<02:46, 12.68it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████     | 7891/10000 [10:59<02:55, 12.02it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 79%|███████     | 7893/10000 [10:59<02:50, 12.38it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

 79%|███████     | 7895/10000 [11:00<02:51, 12.24it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 31ms/step

 79%|███████     | 7897/10000 [11:00<02:54, 12.05it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 79%|███████     | 7899/10000 [11:00<02:56, 11.91it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 79%|███████     | 7901/10000 [11:00<02:51, 12.25it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████    | 7903/10000 [11:00<02:51, 12.22it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████    | 7905/10000 [11:00<02:50, 12.26it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 36ms/step

 79%|███████    | 7907/10000 [11:01<02:53, 12.05it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████    | 7909/10000 [11:01<02:55, 11.89it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 79%|███████    | 7911/10000 [11:01<02:49, 12.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████    | 7913/10000 [11:01<02:53, 12.04it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 79%|███████    | 7915/10000 [11:01<02:55, 11.86it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

 79%|███████    | 7917/10000 [11:01<02:54, 11.92it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 26ms/step

 79%|███████    | 7919/10000 [11:02<02:55, 11.83it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 79%|███████    | 7921/10000 [11:02<02:55, 11.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 79%|███████    | 7923/10000 [11:02<02:50, 12.16it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  79%|████████     | 7925/10000 [11:02<02:47, 12.38it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  79%|████████     | 7927/10000 [11:02<02:44, 12.58it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  79%|████████     | 7929/10000 [11:02<02:41, 12.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

  79%|████████     | 7931/10000 [11:02<02:43, 12.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  79%|████████     | 7933/10000 [11:03<02:52, 12.00it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  79%|████████     | 7935/10000 [11:03<02:53, 11.90it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  79%|████████     | 7937/10000 [11:03<02:45, 12.45it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 25ms/step

  79%|████████     | 7939/10000 [11:03<02:46, 12.36it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  79%|████████     | 7941/10000 [11:03<02:39, 12.89it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

  79%|████████     | 7943/10000 [11:03<02:38, 12.98it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step

  79%|████████     | 7945/10000 [11:04<02:40, 12.80it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 27ms/step
  79%|██████    | 7947/10000 [11:04<02:44, 12.48it/s]
1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 35ms/step
  79%|██████    | 7949/10000 [11:04<02:50, 12.02it/s]
1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 47ms/step
  80%|██████    | 7951/10000 [11:04<03:07, 10.95it/s]
1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 37ms/step
  80%|██████    | 7953/10000 [11:04<03:14, 10.53it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step
  80%|██████    | 7955/10000 [11:05<03:14, 10.50it/s]
1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 29ms/step
  80%|██████    | 7957/10000 [11:05<03:18, 10.31it/s]
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 59ms/step
  80%|██████    | 7959/10000 [11:05<03:29,  9.73it/s]
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
  80%|██████    | 7961/10000 [11:05<03:21, 10.12it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 54ms/step
  80%|██████    | 7963/10000 [11:05<03:31,  9.62it/s]
1/1 [==============================] - 0s 41ms/step
  80%|██████    | 7964/10000 [11:06<03:30,  9.67it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step
  80%|██████    | 7966/10000 [11:06<03:23,  9.99it/s]
```

```
1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 55ms/step

  80%|███████    | 7968/10000 [11:06<03:36,  9.40it/s]

1/1 [==============================] - 0s 53ms/step

  80%|███████    | 7969/10000 [11:06<03:44,  9.04it/s]

1/1 [==============================] - 0s 61ms/step

  80%|███████    | 7970/10000 [11:06<03:55,  8.60it/s]

1/1 [==============================] - 0s 57ms/step

  80%|███████    | 7971/10000 [11:06<04:05,  8.28it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

  80%|███████    | 7973/10000 [11:07<03:35,  9.42it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

  80%|███████    | 7975/10000 [11:07<03:26,  9.81it/s]

1/1 [==============================] - 0s 41ms/step

  80%|███████    | 7976/10000 [11:07<03:29,  9.67it/s]

1/1 [==============================] - 0s 55ms/step

  80%|███████    | 7977/10000 [11:07<03:34,  9.43it/s]

1/1 [==============================] - 0s 36ms/step

  80%|███████    | 7978/10000 [11:07<03:34,  9.43it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step

  80%|███████    | 7980/10000 [11:07<03:15, 10.36it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 32ms/step

  80%|███████    | 7982/10000 [11:07<03:14, 10.39it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step

  80%|███████    | 7984/10000 [11:08<03:06, 10.81it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

 80%|███████    | 7986/10000 [11:08<02:59, 11.24it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 41ms/step

 80%|███████    | 7988/10000 [11:08<03:05, 10.85it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step

 80%|███████    | 7990/10000 [11:08<03:03, 10.96it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 80%|███████    | 7992/10000 [11:08<02:53, 11.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 46ms/step

 80%|███████    | 7994/10000 [11:08<02:57, 11.30it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 28ms/step

 80%|███████    | 7996/10000 [11:09<02:53, 11.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 80%|███████    | 7998/10000 [11:09<02:48, 11.90it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 80%|███████    | 8000/10000 [11:09<02:41, 12.41it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

 80%|███████    | 8002/10000 [11:09<02:41, 12.40it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

 80%|███████    | 8004/10000 [11:09<02:42, 12.26it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 34ms/step

 80%|███████    | 8006/10000 [11:09<02:47, 11.88it/s]
```

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1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 32ms/step

  80%|███████    | 8008/10000 [11:10<02:53, 11.51it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 40ms/step

  80%|███████    | 8010/10000 [11:10<02:59, 11.08it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 41ms/step

  80%|███████    | 8012/10000 [11:10<03:02, 10.89it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  80%|███████    | 8014/10000 [11:10<02:56, 11.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step

  80%|███████    | 8016/10000 [11:10<02:55, 11.27it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  80%|███████    | 8018/10000 [11:11<02:58, 11.11it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

  80%|███████    | 8020/10000 [11:11<02:57, 11.17it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 30ms/step

  80%|███████    | 8022/10000 [11:11<02:56, 11.19it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  80%|███████    | 8024/10000 [11:11<02:53, 11.36it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step

  80%|███████    | 8026/10000 [11:11<02:52, 11.46it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  80%|███████    | 8028/10000 [11:11<02:41, 12.17it/s]
```

```
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 80%|███████    | 8030/10000 [11:11<02:33, 12.79it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 80%|███████    | 8032/10000 [11:12<02:39, 12.36it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 80%|███████    | 8034/10000 [11:12<02:33, 12.84it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step

 80%|███████    | 8036/10000 [11:12<02:36, 12.56it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 80%|███████    | 8038/10000 [11:12<02:33, 12.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 80%|███████    | 8040/10000 [11:12<02:31, 12.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 80%|███████    | 8042/10000 [11:12<02:32, 12.88it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 80%|███████    | 8044/10000 [11:13<02:31, 12.88it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 80%|███████    | 8046/10000 [11:13<02:33, 12.75it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 33ms/step

 80%|███████    | 8048/10000 [11:13<02:36, 12.51it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 80%|███████    | 8050/10000 [11:13<02:45, 11.79it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 81%|███████    | 8052/10000 [11:13<02:42, 11.98it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 81%|███████    | 8054/10000 [11:13<02:41, 12.04it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 81%|███████    | 8056/10000 [11:14<02:37, 12.37it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

 81%|███████    | 8058/10000 [11:14<02:41, 11.99it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 81%|███████    | 8060/10000 [11:14<02:42, 11.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 81%|███████    | 8062/10000 [11:14<02:41, 12.03it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 81%|███████    | 8064/10000 [11:14<02:42, 11.92it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 81%|███████    | 8066/10000 [11:14<02:39, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 81%|███████    | 8068/10000 [11:15<02:37, 12.27it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 38ms/step

 81%|███████    | 8070/10000 [11:15<02:34, 12.46it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

 81%|███████    | 8072/10000 [11:15<02:41, 11.91it/s]
```

```
1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 25ms/step

  81%|███████   | 8074/10000 [11:15<02:48, 11.43it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8076/10000 [11:15<02:42, 11.82it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  81%|███████   | 8078/10000 [11:15<02:42, 11.85it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

  81%|███████   | 8080/10000 [11:16<02:43, 11.74it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8082/10000 [11:16<02:47, 11.46it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8084/10000 [11:16<02:43, 11.72it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8086/10000 [11:16<02:45, 11.57it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8088/10000 [11:16<02:35, 12.26it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  81%|███████   | 8090/10000 [11:16<02:33, 12.45it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8092/10000 [11:17<02:28, 12.88it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████   | 8094/10000 [11:17<02:31, 12.60it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  81%|███████    | 8096/10000 [11:17<02:30, 12.68it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  81%|███████    | 8098/10000 [11:17<02:28, 12.80it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████    | 8100/10000 [11:17<02:36, 12.11it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  81%|███████    | 8102/10000 [11:17<02:34, 12.32it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 40ms/step

  81%|███████    | 8104/10000 [11:18<02:48, 11.27it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 51ms/step

  81%|███████    | 8106/10000 [11:18<02:59, 10.53it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 33ms/step

  81%|███████    | 8108/10000 [11:18<02:59, 10.53it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 31ms/step

  81%|███████    | 8110/10000 [11:18<02:59, 10.51it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 32ms/step

  81%|███████    | 8112/10000 [11:18<03:09,  9.98it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 34ms/step

  81%|███████    | 8114/10000 [11:19<03:05, 10.18it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 58ms/step

  81%|███████    | 8116/10000 [11:19<03:02, 10.32it/s]
```

```
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 37ms/step

  81%|███████   | 8118/10000 [11:19<02:59, 10.48it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 56ms/step

  81%|███████   | 8120/10000 [11:19<03:09,  9.91it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

  81%|███████   | 8122/10000 [11:19<03:02, 10.29it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 57ms/step

  81%|███████   | 8124/10000 [11:20<03:05, 10.11it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 40ms/step

  81%|███████   | 8126/10000 [11:20<03:14,  9.63it/s]

1/1 [==============================] - 0s 43ms/step

  81%|███████   | 8127/10000 [11:20<03:15,  9.58it/s]

1/1 [==============================] - 0s 52ms/step

  81%|███████   | 8128/10000 [11:20<03:19,  9.36it/s]

1/1 [==============================] - 0s 39ms/step

  81%|███████   | 8129/10000 [11:20<03:22,  9.26it/s]

1/1 [==============================] - 0s 58ms/step

  81%|███████   | 8130/10000 [11:20<03:22,  9.21it/s]

1/1 [==============================] - 0s 56ms/step

  81%|███████   | 8131/10000 [11:20<03:35,  8.68it/s]

1/1 [==============================] - 0s 48ms/step

  81%|███████   | 8132/10000 [11:21<03:34,  8.69it/s]

1/1 [==============================] - 0s 45ms/step

  81%|███████   | 8133/10000 [11:21<03:30,  8.86it/s]

1/1 [==============================] - 0s 43ms/step

  81%|███████   | 8134/10000 [11:21<03:27,  9.00it/s]
```

```
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 60ms/step

 81%|███████     | 8136/10000 [11:21<03:24,  9.10it/s]

1/1 [==============================] - 0s 57ms/step

 81%|███████     | 8137/10000 [11:21<03:31,  8.79it/s]

1/1 [==============================] - 0s 44ms/step

 81%|███████     | 8138/10000 [11:21<03:31,  8.82it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 34ms/step

 81%|███████     | 8140/10000 [11:21<03:10,  9.78it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 81%|███████     | 8142/10000 [11:22<03:00, 10.32it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 33ms/step

 81%|███████     | 8144/10000 [11:22<02:45, 11.20it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 81%|███████     | 8146/10000 [11:22<02:35, 11.94it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

 81%|███████     | 8148/10000 [11:22<02:31, 12.24it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

 82%|███████     | 8150/10000 [11:22<02:27, 12.50it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████     | 8152/10000 [11:22<02:33, 12.02it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████     | 8154/10000 [11:22<02:33, 12.06it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 82%|███████    | 8156/10000 [11:23<02:28, 12.39it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 25ms/step

 82%|███████    | 8158/10000 [11:23<02:30, 12.24it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

 82%|███████    | 8160/10000 [11:23<02:22, 12.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████    | 8162/10000 [11:23<02:25, 12.59it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████    | 8164/10000 [11:23<02:32, 12.08it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████    | 8166/10000 [11:23<02:29, 12.23it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step

 82%|███████    | 8168/10000 [11:24<02:32, 12.03it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

 82%|███████    | 8170/10000 [11:24<02:26, 12.49it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████    | 8172/10000 [11:24<02:24, 12.69it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step

 82%|███████    | 8174/10000 [11:24<02:22, 12.84it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████    | 8176/10000 [11:24<02:21, 12.90it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 82%|██████    | 8178/10000 [11:24<02:20, 12.98it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

 82%|██████    | 8180/10000 [11:25<02:20, 12.98it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 24ms/step

 82%|██████    | 8182/10000 [11:25<02:22, 12.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 82%|██████    | 8184/10000 [11:25<02:22, 12.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 36ms/step

 82%|██████    | 8186/10000 [11:25<02:29, 12.15it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 25ms/step

 82%|██████    | 8188/10000 [11:25<02:31, 11.99it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 82%|██████    | 8190/10000 [11:25<02:32, 11.89it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step

 82%|██████    | 8192/10000 [11:26<02:32, 11.84it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 82%|██████    | 8194/10000 [11:26<02:31, 11.90it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 35ms/step

 82%|██████    | 8196/10000 [11:26<02:29, 12.08it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 82%|██████    | 8198/10000 [11:26<02:22, 12.69it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 39ms/step
```

```
  82%|████████      | 8200/10000 [11:26<02:22, 12.66it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  82%|████████      | 8202/10000 [11:26<02:20, 12.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
  82%|████████      | 8204/10000 [11:26<02:20, 12.76it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 38ms/step
  82%|████████      | 8206/10000 [11:27<02:24, 12.45it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  82%|████████      | 8208/10000 [11:27<02:21, 12.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
  82%|████████      | 8210/10000 [11:27<02:23, 12.44it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 24ms/step
  82%|████████      | 8212/10000 [11:27<02:20, 12.71it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 41ms/step
  82%|████████      | 8214/10000 [11:27<02:21, 12.59it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step
  82%|████████      | 8216/10000 [11:27<02:23, 12.42it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  82%|████████      | 8218/10000 [11:28<02:25, 12.24it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step
  82%|████████      | 8220/10000 [11:28<02:27, 12.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
```

```
 82%|███████   | 8222/10000 [11:28<02:25, 12.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 82%|███████   | 8224/10000 [11:28<02:24, 12.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 42ms/step

 82%|███████   | 8226/10000 [11:28<02:29, 11.90it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 39ms/step

 82%|███████   | 8228/10000 [11:28<02:26, 12.09it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 23ms/step

 82%|███████   | 8230/10000 [11:29<02:19, 12.67it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 82%|███████   | 8232/10000 [11:29<02:18, 12.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 32ms/step

 82%|███████   | 8234/10000 [11:29<02:17, 12.84it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

 82%|███████   | 8236/10000 [11:29<02:24, 12.22it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 82%|███████   | 8238/10000 [11:29<02:21, 12.49it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 82%|███████   | 8240/10000 [11:29<02:18, 12.67it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 25ms/step

 82%|███████   | 8242/10000 [11:30<02:17, 12.82it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 82%|██████     | 8244/10000 [11:30<02:21, 12.45it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

 82%|██████     | 8246/10000 [11:30<02:18, 12.63it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

 82%|██████     | 8248/10000 [11:30<02:19, 12.55it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step

 82%|██████     | 8250/10000 [11:30<02:16, 12.79it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 83%|██████     | 8252/10000 [11:30<02:15, 12.93it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 40ms/step

 83%|██████     | 8254/10000 [11:31<02:25, 12.02it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 83%|██████     | 8256/10000 [11:31<02:23, 12.14it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 83%|██████     | 8258/10000 [11:31<02:24, 12.02it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 33ms/step

 83%|██████     | 8260/10000 [11:31<02:26, 11.88it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

 83%|██████     | 8262/10000 [11:31<02:24, 12.02it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 43ms/step

 83%|██████     | 8264/10000 [11:31<02:28, 11.69it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 37ms/step
```

```
 83%|███████      | 8266/10000 [11:32<02:28, 11.69it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

 83%|███████      | 8268/10000 [11:32<02:30, 11.48it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 83%|███████      | 8270/10000 [11:32<02:23, 12.05it/s]

1/1 [==============================] - 0s 51ms/step
1/1 [==============================] - 0s 55ms/step

 83%|███████      | 8272/10000 [11:32<02:44, 10.48it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 58ms/step

 83%|███████      | 8274/10000 [11:32<03:01,  9.50it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 41ms/step

 83%|███████      | 8276/10000 [11:33<02:53,  9.92it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 53ms/step

 83%|███████      | 8278/10000 [11:33<02:59,  9.58it/s]

1/1 [==============================] - 0s 39ms/step

 83%|███████      | 8279/10000 [11:33<02:59,  9.59it/s]

1/1 [==============================] - 0s 44ms/step

 83%|███████      | 8280/10000 [11:33<03:03,  9.36it/s]

1/1 [==============================] - 0s 46ms/step

 83%|███████      | 8281/10000 [11:33<03:08,  9.14it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 58ms/step

 83%|███████      | 8283/10000 [11:33<03:10,  9.03it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 34ms/step

 83%|███████      | 8285/10000 [11:34<02:54,  9.84it/s]

1/1 [==============================] - 0s 50ms/step
```

```
 83%|██████    | 8286/10000 [11:34<02:56,  9.70it/s]
1/1 [==============================] - 0s 39ms/step
 83%|██████    | 8287/10000 [11:34<02:55,  9.76it/s]
1/1 [==============================] - 0s 26ms/step
 83%|██████    | 8288/10000 [11:34<02:54,  9.79it/s]
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step
 83%|██████    | 8290/10000 [11:34<02:47, 10.24it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 30ms/step
 83%|██████    | 8292/10000 [11:34<02:42, 10.50it/s]
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 39ms/step
 83%|██████    | 8294/10000 [11:34<02:41, 10.59it/s]
1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 44ms/step
 83%|██████    | 8296/10000 [11:35<02:50,  9.99it/s]
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 46ms/step
 83%|██████    | 8298/10000 [11:35<02:50,  9.98it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step
 83%|██████    | 8300/10000 [11:35<02:48, 10.09it/s]
1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 41ms/step
 83%|██████    | 8302/10000 [11:35<02:49, 10.02it/s]
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step
 83%|██████    | 8304/10000 [11:35<02:39, 10.64it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
 83%|██████    | 8306/10000 [11:36<02:34, 10.94it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

 83%|████████    | 8308/10000 [11:36<02:30, 11.23it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 83%|████████    | 8310/10000 [11:36<02:24, 11.71it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 83%|████████    | 8312/10000 [11:36<02:14, 12.53it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

 83%|████████    | 8314/10000 [11:36<02:19, 12.09it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 26ms/step

 83%|████████    | 8316/10000 [11:36<02:25, 11.60it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

 83%|████████    | 8318/10000 [11:37<02:24, 11.62it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 83%|████████    | 8320/10000 [11:37<02:24, 11.64it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 83%|████████    | 8322/10000 [11:37<02:25, 11.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 83%|████████    | 8324/10000 [11:37<02:17, 12.21it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

 83%|████████    | 8326/10000 [11:37<02:20, 11.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 83%|████████    | 8328/10000 [11:37<02:14, 12.47it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 45ms/step

 83%|██████    | 8330/10000 [11:38<02:18, 12.07it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 83%|██████    | 8332/10000 [11:38<02:15, 12.32it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

 83%|██████    | 8334/10000 [11:38<02:19, 11.96it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 42ms/step

 83%|██████    | 8336/10000 [11:38<02:21, 11.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 83%|██████    | 8338/10000 [11:38<02:16, 12.14it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 83%|██████    | 8340/10000 [11:38<02:14, 12.38it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 83%|██████    | 8342/10000 [11:38<02:13, 12.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

 83%|██████    | 8344/10000 [11:39<02:15, 12.19it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 37ms/step

 83%|██████    | 8346/10000 [11:39<02:16, 12.16it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step

 83%|██████    | 8348/10000 [11:39<02:15, 12.19it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 25ms/step

 84%|██████    | 8350/10000 [11:39<02:14, 12.31it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 84%|███████    | 8352/10000 [11:39<02:08, 12.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

 84%|███████    | 8354/10000 [11:39<02:07, 12.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

 84%|███████    | 8356/10000 [11:40<02:09, 12.73it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 40ms/step

 84%|███████    | 8358/10000 [11:40<02:09, 12.71it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 40ms/step

 84%|███████    | 8360/10000 [11:40<02:13, 12.30it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

 84%|███████    | 8362/10000 [11:40<02:11, 12.43it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 29ms/step

 84%|███████    | 8364/10000 [11:40<02:11, 12.46it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 84%|███████    | 8366/10000 [11:40<02:09, 12.63it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 84%|███████    | 8368/10000 [11:41<02:12, 12.31it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 30ms/step

 84%|███████    | 8370/10000 [11:41<02:21, 11.53it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step

 84%|███████    | 8372/10000 [11:41<02:20, 11.62it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  84%|████████    | 8374/10000 [11:41<02:21, 11.52it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

  84%|████████    | 8376/10000 [11:41<02:18, 11.73it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 38ms/step

  84%|████████    | 8378/10000 [11:42<03:54,  6.92it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 29ms/step

  84%|████████    | 8380/10000 [11:42<03:26,  7.86it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 44ms/step

  84%|████████    | 8382/10000 [11:42<03:10,  8.51it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 39ms/step

  84%|████████    | 8384/10000 [11:42<02:54,  9.28it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 38ms/step

  84%|████████    | 8386/10000 [11:43<02:46,  9.72it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 29ms/step

  84%|████████    | 8388/10000 [11:43<02:36, 10.32it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 29ms/step

  84%|████████    | 8390/10000 [11:43<02:28, 10.84it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 43ms/step

  84%|████████    | 8392/10000 [11:43<02:26, 10.99it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 38ms/step

  84%|████████    | 8394/10000 [11:43<02:23, 11.18it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 84%|████████    | 8396/10000 [11:43<02:23, 11.21it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 84%|████████    | 8398/10000 [11:44<02:20, 11.43it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 84%|████████    | 8400/10000 [11:44<02:20, 11.40it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

 84%|████████    | 8402/10000 [11:44<02:17, 11.59it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 41ms/step

 84%|████████    | 8404/10000 [11:44<02:26, 10.92it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step

 84%|████████    | 8406/10000 [11:44<02:21, 11.23it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 55ms/step

 84%|████████    | 8408/10000 [11:45<02:28, 10.73it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 35ms/step

 84%|████████    | 8410/10000 [11:45<02:32, 10.42it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 32ms/step

 84%|████████    | 8412/10000 [11:45<02:35, 10.18it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 31ms/step

 84%|████████    | 8414/10000 [11:45<02:35, 10.17it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 49ms/step

 84%|████████    | 8416/10000 [11:45<02:41,  9.81it/s]
```

```
1/1 [==============================] - 0s 59ms/step
  84%|████████   | 8417/10000 [11:45<02:48,  9.40it/s]
1/1 [==============================] - 0s 51ms/step
  84%|████████   | 8418/10000 [11:46<02:51,  9.22it/s]
1/1 [==============================] - 0s 46ms/step
  84%|████████   | 8419/10000 [11:46<02:53,  9.10it/s]
1/1 [==============================] - 0s 51ms/step
  84%|████████   | 8420/10000 [11:46<02:53,  9.12it/s]
1/1 [==============================] - 0s 70ms/step
  84%|████████   | 8421/10000 [11:46<03:07,  8.44it/s]
1/1 [==============================] - 0s 51ms/step
  84%|████████   | 8422/10000 [11:46<03:06,  8.47it/s]
1/1 [==============================] - 0s 42ms/step
  84%|████████   | 8423/10000 [11:46<02:58,  8.83it/s]
1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 62ms/step
  84%|████████   | 8425/10000 [11:46<02:54,  9.01it/s]
1/1 [==============================] - 0s 61ms/step
  84%|████████   | 8426/10000 [11:47<03:04,  8.53it/s]
1/1 [==============================] - 0s 61ms/step
  84%|████████   | 8427/10000 [11:47<03:07,  8.41it/s]
1/1 [==============================] - 0s 44ms/step
  84%|████████   | 8428/10000 [11:47<03:06,  8.42it/s]
1/1 [==============================] - 0s 69ms/step
  84%|████████   | 8429/10000 [11:47<03:17,  7.96it/s]
1/1 [==============================] - 0s 44ms/step
  84%|████████   | 8430/10000 [11:47<03:16,  7.97it/s]
1/1 [==============================] - 0s 48ms/step
  84%|████████   | 8431/10000 [11:47<03:13,  8.11it/s]
```

```
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 37ms/step

 84%|███████    | 8433/10000 [11:47<02:54,  8.98it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

 84%|███████    | 8435/10000 [11:48<02:43,  9.56it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 64ms/step

 84%|███████    | 8437/10000 [11:48<02:50,  9.19it/s]

1/1 [==============================] - 0s 34ms/step

 84%|███████    | 8438/10000 [11:48<02:48,  9.25it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 63ms/step

 84%|███████    | 8440/10000 [11:48<02:51,  9.10it/s]

1/1 [==============================] - 0s 38ms/step

 84%|███████    | 8441/10000 [11:48<02:48,  9.25it/s]

1/1 [==============================] - 0s 41ms/step

 84%|███████    | 8442/10000 [11:48<02:51,  9.10it/s]

1/1 [==============================] - 0s 61ms/step

 84%|███████    | 8443/10000 [11:48<02:55,  8.87it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 37ms/step

 84%|███████    | 8445/10000 [11:49<02:40,  9.67it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 37ms/step

 84%|███████    | 8447/10000 [11:49<02:39,  9.77it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

 84%|███████    | 8449/10000 [11:49<02:28, 10.42it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 49ms/step

 85%|███████    | 8451/10000 [11:49<02:32, 10.16it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  85%|████████     | 8453/10000 [11:49<02:26, 10.58it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  85%|████████     | 8455/10000 [11:50<02:19, 11.06it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 29ms/step

  85%|████████     | 8457/10000 [11:50<02:17, 11.23it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

  85%|████████     | 8459/10000 [11:50<02:12, 11.59it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 47ms/step

  85%|████████     | 8461/10000 [11:50<02:14, 11.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 45ms/step

  85%|████████     | 8463/10000 [11:50<02:15, 11.33it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 39ms/step

  85%|████████     | 8465/10000 [11:50<02:19, 11.03it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 40ms/step

  85%|████████     | 8467/10000 [11:51<02:18, 11.07it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  85%|████████     | 8469/10000 [11:51<02:14, 11.39it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  85%|████████     | 8471/10000 [11:51<02:15, 11.27it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  85%|████████     | 8473/10000 [11:51<02:13, 11.43it/s]
```

```
1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step

  85%|███████    | 8475/10000 [11:51<02:12, 11.55it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  85%|███████    | 8477/10000 [11:51<02:10, 11.67it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 31ms/step

  85%|███████    | 8479/10000 [11:52<02:06, 12.07it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  85%|███████    | 8481/10000 [11:52<02:03, 12.29it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step

  85%|███████    | 8483/10000 [11:52<02:07, 11.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

  85%|███████    | 8485/10000 [11:52<02:06, 11.98it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  85%|███████    | 8487/10000 [11:52<02:06, 11.99it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  85%|███████    | 8489/10000 [11:52<02:09, 11.69it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  85%|███████    | 8491/10000 [11:53<02:10, 11.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

  85%|███████    | 8493/10000 [11:53<02:10, 11.54it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  85%|███████    | 8495/10000 [11:53<02:05, 11.97it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
  85%|████████   | 8497/10000 [11:53<02:00, 12.44it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  85%|████████   | 8499/10000 [11:53<01:58, 12.62it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step
  85%|████████   | 8501/10000 [11:53<01:59, 12.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 41ms/step
  85%|████████   | 8503/10000 [11:54<02:02, 12.21it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  85%|████████   | 8505/10000 [11:54<01:58, 12.65it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 30ms/step
  85%|████████   | 8507/10000 [11:54<02:01, 12.33it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step
  85%|████████   | 8509/10000 [11:54<02:05, 11.90it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  85%|████████   | 8511/10000 [11:54<02:02, 12.19it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 30ms/step
  85%|████████   | 8513/10000 [11:54<02:06, 11.77it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
  85%|████████   | 8515/10000 [11:55<02:02, 12.09it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step
  85%|████████   | 8517/10000 [11:55<01:59, 12.41it/s]
```

```
1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 85%|███████    | 8519/10000 [11:55<01:55, 12.80it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 85%|███████    | 8521/10000 [11:55<01:59, 12.40it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 85%|███████    | 8523/10000 [11:55<02:01, 12.20it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 25ms/step

 85%|███████    | 8525/10000 [11:55<01:58, 12.45it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 33ms/step

 85%|███████    | 8527/10000 [11:56<01:58, 12.46it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 40ms/step

 85%|███████    | 8529/10000 [11:56<02:02, 12.06it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 85%|███████    | 8531/10000 [11:56<02:00, 12.21it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 85%|███████    | 8533/10000 [11:56<01:59, 12.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 85%|███████    | 8535/10000 [11:56<01:56, 12.57it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 85%|███████    | 8537/10000 [11:56<01:56, 12.56it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 25ms/step

 85%|███████    | 8539/10000 [11:57<02:01, 12.04it/s]
```

```
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

 85%|████████    | 8541/10000 [11:57<02:01, 11.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 85%|████████    | 8543/10000 [11:57<02:00, 12.13it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

 85%|████████    | 8545/10000 [11:57<02:01, 11.94it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step

 85%|████████    | 8547/10000 [11:57<02:01, 11.93it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step

 85%|████████    | 8549/10000 [11:57<02:03, 11.76it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step

 86%|████████    | 8551/10000 [11:58<02:02, 11.85it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 86%|████████    | 8553/10000 [11:58<01:56, 12.41it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 24ms/step

 86%|████████    | 8555/10000 [11:58<01:53, 12.76it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 38ms/step

 86%|████████    | 8557/10000 [11:58<01:53, 12.75it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 42ms/step

 86%|████████    | 8559/10000 [11:58<01:57, 12.30it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 86%|████████    | 8561/10000 [11:58<01:51, 12.89it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  86%|███████    | 8563/10000 [11:58<01:51, 12.94it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 25ms/step

  86%|███████    | 8565/10000 [11:59<01:54, 12.55it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 28ms/step

  86%|███████    | 8567/10000 [11:59<01:59, 11.98it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 72ms/step

  86%|███████    | 8569/10000 [11:59<02:09, 11.08it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 33ms/step

  86%|███████    | 8571/10000 [11:59<02:16, 10.49it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 31ms/step

  86%|███████    | 8573/10000 [11:59<02:19, 10.20it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 38ms/step

  86%|███████    | 8575/10000 [12:00<02:23,  9.95it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 37ms/step

  86%|███████    | 8577/10000 [12:00<02:18, 10.29it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 30ms/step

  86%|███████    | 8579/10000 [12:00<02:20, 10.14it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

  86%|███████    | 8581/10000 [12:00<02:20, 10.09it/s]

1/1 [==============================] - 0s 51ms/step
1/1 [==============================] - 0s 28ms/step

  86%|███████    | 8583/10000 [12:00<02:22,  9.96it/s]
```

```
1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 51ms/step

  86%|███████  | 8585/10000 [12:01<02:22,  9.96it/s]

1/1 [==============================] - 0s 60ms/step

  86%|███████  | 8586/10000 [12:01<02:28,  9.53it/s]

1/1 [==============================] - 0s 64ms/step

  86%|███████  | 8587/10000 [12:01<02:34,  9.16it/s]

1/1 [==============================] - 0s 56ms/step

  86%|███████  | 8588/10000 [12:01<02:35,  9.07it/s]

1/1 [==============================] - 0s 36ms/step

  86%|███████  | 8589/10000 [12:01<02:34,  9.12it/s]

1/1 [==============================] - 0s 40ms/step

  86%|███████  | 8590/10000 [12:01<02:31,  9.28it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 43ms/step

  86%|███████  | 8592/10000 [12:01<02:30,  9.33it/s]

1/1 [==============================] - 0s 39ms/step

  86%|███████  | 8593/10000 [12:02<02:31,  9.31it/s]

1/1 [==============================] - 0s 43ms/step

  86%|███████  | 8594/10000 [12:02<02:31,  9.26it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 41ms/step

  86%|███████  | 8596/10000 [12:02<02:24,  9.73it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 36ms/step

  86%|███████  | 8598/10000 [12:02<02:21,  9.90it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step

  86%|███████  | 8600/10000 [12:02<02:16, 10.29it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 26ms/step
```

```
86%|████████      | 8602/10000 [12:02<02:09, 10.77it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

86%|████████      | 8604/10000 [12:03<02:00, 11.60it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

86%|████████      | 8606/10000 [12:03<01:51, 12.50it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

86%|████████      | 8608/10000 [12:03<01:48, 12.78it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

86%|████████      | 8610/10000 [12:03<01:49, 12.68it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 25ms/step

86%|████████      | 8612/10000 [12:03<01:51, 12.49it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

86%|████████      | 8614/10000 [12:03<01:49, 12.63it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

86%|████████      | 8616/10000 [12:03<01:49, 12.65it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

86%|████████      | 8618/10000 [12:04<01:50, 12.49it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step

86%|████████      | 8620/10000 [12:04<01:54, 12.08it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

86%|████████      | 8622/10000 [12:04<01:52, 12.25it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step
```

```
  86%|████████      | 8624/10000 [12:04<01:49, 12.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step
  86%|████████      | 8626/10000 [12:04<01:53, 12.05it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 39ms/step
  86%|████████      | 8628/10000 [12:04<01:50, 12.42it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 40ms/step
  86%|████████      | 8630/10000 [12:05<01:51, 12.26it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step
  86%|████████      | 8632/10000 [12:05<01:51, 12.28it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 45ms/step
  86%|████████      | 8634/10000 [12:05<01:57, 11.61it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 33ms/step
  86%|████████      | 8636/10000 [12:05<01:56, 11.76it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  86%|████████      | 8638/10000 [12:05<01:53, 11.99it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
  86%|████████      | 8640/10000 [12:05<01:56, 11.64it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 39ms/step
  86%|████████      | 8642/10000 [12:06<02:00, 11.23it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  86%|████████      | 8644/10000 [12:06<01:56, 11.67it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 86%|████████    | 8646/10000 [12:06<01:54, 11.86it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step
 86%|████████    | 8648/10000 [12:06<01:53, 11.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 86%|████████    | 8650/10000 [12:06<01:56, 11.58it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 87%|████████    | 8652/10000 [12:07<01:58, 11.38it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
 87%|████████    | 8654/10000 [12:07<01:57, 11.49it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 87%|████████    | 8656/10000 [12:07<01:52, 11.98it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step
 87%|████████    | 8658/10000 [12:07<01:53, 11.82it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 25ms/step
 87%|████████    | 8660/10000 [12:07<01:54, 11.73it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 87%|████████    | 8662/10000 [12:07<01:55, 11.54it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 87%|████████    | 8664/10000 [12:07<01:48, 12.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 36ms/step
 87%|████████    | 8666/10000 [12:08<01:48, 12.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 87%|███████    | 8668/10000 [12:08<01:48, 12.31it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 87%|███████    | 8670/10000 [12:08<01:50, 12.08it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

 87%|███████    | 8672/10000 [12:08<01:52, 11.83it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 87%|███████    | 8674/10000 [12:08<01:50, 11.96it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

 87%|███████    | 8676/10000 [12:09<01:52, 11.75it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 87%|███████    | 8678/10000 [12:09<01:54, 11.54it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step

 87%|███████    | 8680/10000 [12:09<01:57, 11.24it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 87%|███████    | 8682/10000 [12:09<01:54, 11.48it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 87%|███████    | 8684/10000 [12:09<01:49, 12.04it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 87%|███████    | 8686/10000 [12:09<01:48, 12.10it/s]

1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 29ms/step

 87%|███████    | 8688/10000 [12:10<01:54, 11.51it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 87%|████████   | 8690/10000 [12:10<01:54, 11.43it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
 87%|████████   | 8692/10000 [12:10<01:49, 11.93it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 25ms/step
 87%|████████   | 8694/10000 [12:10<01:46, 12.28it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 87%|████████   | 8696/10000 [12:10<01:49, 11.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
 87%|████████   | 8698/10000 [12:10<01:51, 11.66it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step
 87%|████████   | 8700/10000 [12:11<01:48, 11.93it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
 87%|████████   | 8702/10000 [12:11<01:44, 12.43it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 87%|████████   | 8704/10000 [12:11<01:43, 12.55it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step
 87%|████████   | 8706/10000 [12:11<01:49, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step
 87%|████████   | 8708/10000 [12:11<01:49, 11.77it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
 87%|████████   | 8710/10000 [12:11<01:47, 11.99it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 87%|██████     | 8712/10000 [12:12<01:45, 12.19it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

 87%|██████     | 8714/10000 [12:12<01:46, 12.09it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 33ms/step

 87%|██████     | 8716/10000 [12:12<01:46, 12.09it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 33ms/step

 87%|██████     | 8718/10000 [12:12<01:44, 12.25it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

 87%|██████     | 8720/10000 [12:12<01:45, 12.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 36ms/step

 87%|██████     | 8722/10000 [12:12<01:46, 12.03it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 48ms/step

 87%|██████     | 8724/10000 [12:13<01:53, 11.27it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 36ms/step

 87%|██████     | 8726/10000 [12:13<01:59, 10.66it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 37ms/step

 87%|██████     | 8728/10000 [12:13<01:58, 10.76it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 30ms/step

 87%|██████     | 8730/10000 [12:13<01:59, 10.61it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 34ms/step

 87%|██████     | 8732/10000 [12:13<02:05, 10.13it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 63ms/step
```

```
 87%|████████    | 8734/10000 [12:14<02:07,  9.95it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 29ms/step
 87%|████████    | 8736/10000 [12:14<02:04, 10.18it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 35ms/step
 87%|████████    | 8738/10000 [12:14<02:06,  9.95it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 35ms/step
 87%|████████    | 8740/10000 [12:14<02:02, 10.29it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
 87%|████████    | 8742/10000 [12:14<01:53, 11.08it/s]

1/1 [==============================] - 0s 64ms/step
1/1 [==============================] - 0s 26ms/step
 87%|████████    | 8744/10000 [12:15<02:00, 10.42it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 87%|████████    | 8746/10000 [12:15<01:52, 11.13it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 55ms/step
 87%|████████    | 8748/10000 [12:15<01:55, 10.85it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 30ms/step
 88%|████████    | 8750/10000 [12:15<01:55, 10.82it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 32ms/step
 88%|████████    | 8752/10000 [12:15<01:56, 10.74it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 52ms/step
 88%|████████    | 8754/10000 [12:15<02:05,  9.95it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 43ms/step
```

```
 88%|███████    | 8756/10000 [12:16<02:05,  9.88it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 39ms/step

 88%|███████    | 8758/10000 [12:16<02:09,  9.56it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 88%|███████    | 8760/10000 [12:16<02:03, 10.04it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 88%|███████    | 8762/10000 [12:16<01:55, 10.72it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

 88%|███████    | 8764/10000 [12:16<01:49, 11.25it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 88%|███████    | 8766/10000 [12:17<01:43, 11.88it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 37ms/step

 88%|███████    | 8768/10000 [12:17<01:45, 11.65it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 88%|███████    | 8770/10000 [12:17<01:42, 11.96it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 38ms/step

 88%|███████    | 8772/10000 [12:17<01:42, 12.02it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 46ms/step

 88%|███████    | 8774/10000 [12:17<01:44, 11.74it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 28ms/step

 88%|███████    | 8776/10000 [12:17<01:44, 11.70it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 88%|██████    | 8778/10000 [12:18<01:43, 11.80it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 88%|██████    | 8780/10000 [12:18<01:41, 11.99it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 88%|██████    | 8782/10000 [12:18<01:40, 12.10it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 25ms/step

 88%|██████    | 8784/10000 [12:18<01:40, 12.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 88%|██████    | 8786/10000 [12:18<01:39, 12.16it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step

 88%|██████    | 8788/10000 [12:18<01:39, 12.12it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 32ms/step

 88%|██████    | 8790/10000 [12:19<01:38, 12.31it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step

 88%|██████    | 8792/10000 [12:19<01:37, 12.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step

 88%|██████    | 8794/10000 [12:19<01:41, 11.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step

 88%|██████    | 8796/10000 [12:19<01:42, 11.71it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

 88%|██████    | 8798/10000 [12:19<01:41, 11.88it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 88%|████████      | 8800/10000 [12:19<01:43, 11.58it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 88%|████████      | 8802/10000 [12:20<01:44, 11.49it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 88%|████████      | 8804/10000 [12:20<01:41, 11.78it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step
 88%|████████      | 8806/10000 [12:20<01:41, 11.76it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step
 88%|████████      | 8808/10000 [12:20<01:42, 11.61it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 28ms/step
 88%|████████      | 8810/10000 [12:20<01:42, 11.56it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 35ms/step
 88%|████████      | 8812/10000 [12:20<01:45, 11.30it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 25ms/step
 88%|████████      | 8814/10000 [12:21<01:43, 11.43it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 25ms/step
 88%|████████      | 8816/10000 [12:21<01:41, 11.63it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
 88%|████████      | 8818/10000 [12:21<01:41, 11.63it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step
 88%|████████      | 8820/10000 [12:21<01:41, 11.60it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 88%|████████    | 8822/10000 [12:21<01:43, 11.33it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step

 88%|████████    | 8824/10000 [12:21<01:44, 11.22it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 38ms/step

 88%|████████    | 8826/10000 [12:22<01:46, 11.02it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

 88%|████████    | 8828/10000 [12:22<01:40, 11.67it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step

 88%|████████    | 8830/10000 [12:22<01:41, 11.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 88%|████████    | 8832/10000 [12:22<01:41, 11.49it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step

 88%|████████    | 8834/10000 [12:22<01:35, 12.19it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 37ms/step

 88%|████████    | 8836/10000 [12:23<01:38, 11.79it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 36ms/step

 88%|████████    | 8838/10000 [12:23<01:37, 11.96it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

 88%|████████    | 8840/10000 [12:23<01:38, 11.83it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 88%|████████    | 8842/10000 [12:23<01:40, 11.52it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step
```

```
  88%|████████    | 8844/10000 [12:23<01:40, 11.45it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 35ms/step
  88%|████████    | 8846/10000 [12:23<01:41, 11.36it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step
  88%|████████    | 8848/10000 [12:24<01:40, 11.43it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step
  88%|████████    | 8850/10000 [12:24<01:39, 11.57it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step
  89%|████████    | 8852/10000 [12:24<01:31, 12.52it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
  89%|████████    | 8854/10000 [12:24<01:29, 12.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  89%|████████    | 8856/10000 [12:24<01:30, 12.62it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  89%|████████    | 8858/10000 [12:24<01:32, 12.38it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step
  89%|████████    | 8860/10000 [12:25<01:33, 12.15it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  89%|████████    | 8862/10000 [12:25<01:32, 12.28it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  89%|████████    | 8864/10000 [12:25<01:33, 12.19it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 89%|███████    | 8866/10000 [12:25<01:32, 12.29it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step

 89%|███████    | 8868/10000 [12:25<01:33, 12.10it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 89%|███████    | 8870/10000 [12:25<01:30, 12.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 89%|███████    | 8872/10000 [12:25<01:31, 12.27it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

 89%|███████    | 8874/10000 [12:26<01:33, 12.06it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 89%|███████    | 8876/10000 [12:26<01:34, 11.86it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 39ms/step

 89%|███████    | 8878/10000 [12:26<01:34, 11.88it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 42ms/step

 89%|███████    | 8880/10000 [12:26<01:44, 10.76it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 29ms/step

 89%|███████    | 8882/10000 [12:26<01:47, 10.36it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 39ms/step

 89%|███████    | 8884/10000 [12:27<01:43, 10.81it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 41ms/step

 89%|███████    | 8886/10000 [12:27<01:45, 10.54it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 53ms/step
```

```
  89%|████████    | 8888/10000 [12:27<01:53,  9.76it/s]
1/1 [==============================] - 0s 55ms/step
  89%|████████    | 8889/10000 [12:27<01:55,  9.58it/s]
1/1 [==============================] - 0s 57ms/step
  89%|████████    | 8890/10000 [12:27<01:58,  9.34it/s]
1/1 [==============================] - 0s 37ms/step
  89%|████████    | 8891/10000 [12:27<01:59,  9.26it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 42ms/step
  89%|████████    | 8893/10000 [12:28<01:56,  9.50it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 30ms/step
  89%|████████    | 8895/10000 [12:28<01:50, 10.01it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 39ms/step
  89%|████████    | 8897/10000 [12:28<01:48, 10.16it/s]
1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 35ms/step
  89%|████████    | 8899/10000 [12:28<01:50,  9.98it/s]
1/1 [==============================] - 0s 34ms/step
  89%|████████    | 8900/10000 [12:28<01:50,  9.97it/s]
1/1 [==============================] - 0s 64ms/step
  89%|████████    | 8901/10000 [12:28<01:54,  9.63it/s]
1/1 [==============================] - 0s 60ms/step
  89%|████████    | 8902/10000 [12:29<02:01,  9.05it/s]
1/1 [==============================] - 0s 52ms/step
  89%|████████    | 8903/10000 [12:29<02:03,  8.90it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 54ms/step
  89%|████████    | 8905/10000 [12:29<01:59,  9.15it/s]
```

```
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 57ms/step

 89%|███████  | 8907/10000 [12:29<01:57,  9.30it/s]

1/1 [==============================] - 0s 41ms/step

 89%|███████  | 8908/10000 [12:29<01:58,  9.22it/s]

1/1 [==============================] - 0s 59ms/step

 89%|███████  | 8909/10000 [12:29<02:02,  8.88it/s]

1/1 [==============================] - 0s 56ms/step

 89%|███████  | 8910/10000 [12:29<02:03,  8.81it/s]

1/1 [==============================] - 0s 39ms/step

 89%|███████  | 8911/10000 [12:30<01:59,  9.08it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 43ms/step

 89%|███████  | 8913/10000 [12:30<01:50,  9.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 47ms/step

 89%|███████  | 8915/10000 [12:30<01:44, 10.41it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 89%|███████  | 8917/10000 [12:30<01:37, 11.09it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 89%|███████  | 8919/10000 [12:30<01:31, 11.76it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

 89%|███████  | 8921/10000 [12:30<01:29, 11.99it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 89%|███████  | 8923/10000 [12:30<01:28, 12.20it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 89%|███████  | 8925/10000 [12:31<01:24, 12.67it/s]
```

```
1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 25ms/step

  89%|███████ | 8927/10000 [12:31<01:27, 12.29it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  89%|███████ | 8929/10000 [12:31<01:24, 12.73it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step

  89%|███████ | 8931/10000 [12:31<01:28, 12.06it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  89%|███████ | 8933/10000 [12:31<01:28, 12.08it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step

  89%|███████ | 8935/10000 [12:31<01:30, 11.78it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 35ms/step

  89%|███████ | 8937/10000 [12:32<01:30, 11.79it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

  89%|███████ | 8939/10000 [12:32<01:28, 11.97it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

  89%|███████ | 8941/10000 [12:32<01:30, 11.64it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

  89%|███████ | 8943/10000 [12:32<01:30, 11.65it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

  89%|███████ | 8945/10000 [12:32<01:30, 11.70it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  89%|███████ | 8947/10000 [12:32<01:25, 12.26it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

89%|████████      | 8949/10000 [12:33<01:26, 12.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

90%|████████      | 8951/10000 [12:33<01:23, 12.57it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 31ms/step

90%|████████      | 8953/10000 [12:33<01:26, 12.14it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

90%|████████      | 8955/10000 [12:33<01:27, 11.92it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

90%|████████      | 8957/10000 [12:33<01:24, 12.30it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

90%|████████      | 8959/10000 [12:33<01:25, 12.18it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

90%|████████      | 8961/10000 [12:34<01:25, 12.16it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 40ms/step

90%|████████      | 8963/10000 [12:34<01:27, 11.90it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

90%|████████      | 8965/10000 [12:34<01:24, 12.24it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

90%|████████      | 8967/10000 [12:34<01:25, 12.13it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

90%|████████      | 8969/10000 [12:34<01:20, 12.74it/s]
```

```
1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 29ms/step

  90%|███████ | 8971/10000 [12:34<01:24, 12.24it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  90%|███████ | 8973/10000 [12:35<01:24, 12.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  90%|███████ | 8975/10000 [12:35<01:20, 12.66it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 27ms/step

  90%|███████ | 8977/10000 [12:35<01:23, 12.28it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  90%|███████ | 8979/10000 [12:35<01:22, 12.35it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  90%|███████ | 8981/10000 [12:35<01:20, 12.59it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 31ms/step

  90%|███████ | 8983/10000 [12:35<01:21, 12.51it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

  90%|███████ | 8985/10000 [12:36<01:20, 12.54it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

  90%|███████ | 8987/10000 [12:36<01:20, 12.62it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 32ms/step

  90%|███████ | 8989/10000 [12:36<01:25, 11.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  90%|███████ | 8991/10000 [12:36<01:26, 11.73it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 39ms/step
  90%|██████████ | 8993/10000 [12:36<01:27, 11.44it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 36ms/step
  90%|██████████ | 8995/10000 [12:36<01:30, 11.06it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  90%|██████████ | 8997/10000 [12:37<01:30, 11.06it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step
  90%|██████████ | 8999/10000 [12:37<01:25, 11.64it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
  90%|██████████ | 9001/10000 [12:37<01:23, 12.02it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  90%|██████████ | 9003/10000 [12:37<01:20, 12.44it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step
  90%|██████████ | 9005/10000 [12:37<01:22, 12.00it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step
  90%|██████████ | 9007/10000 [12:37<01:24, 11.78it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
  90%|██████████ | 9009/10000 [12:38<01:23, 11.92it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 25ms/step
  90%|██████████ | 9011/10000 [12:38<01:23, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  90%|██████████ | 9013/10000 [12:38<01:22, 11.98it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9015/10000 [12:38<01:23, 11.83it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  90%|██████████      | 9017/10000 [12:38<01:22, 11.88it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9019/10000 [12:38<01:19, 12.39it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9021/10000 [12:39<01:21, 11.97it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

  90%|██████████      | 9023/10000 [12:39<01:17, 12.64it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 42ms/step

  90%|██████████      | 9025/10000 [12:39<01:18, 12.46it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9027/10000 [12:39<01:17, 12.61it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9029/10000 [12:39<01:14, 12.97it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9031/10000 [12:39<01:11, 13.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  90%|██████████      | 9033/10000 [12:40<01:13, 13.15it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  90%|██████████      | 9035/10000 [12:40<01:13, 13.11it/s]
```

```
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  90%|███████  | 9037/10000 [12:40<01:13, 13.19it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 67ms/step

  90%|███████  | 9039/10000 [12:40<01:19, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 60ms/step

  90%|███████  | 9041/10000 [12:40<01:25, 11.22it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  90%|███████  | 9043/10000 [12:40<01:23, 11.49it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  90%|███████  | 9045/10000 [12:41<01:20, 11.91it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 65ms/step

  90%|███████  | 9047/10000 [12:41<01:24, 11.24it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 33ms/step

  90%|███████  | 9049/10000 [12:41<01:23, 11.39it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 51ms/step

  91%|███████  | 9051/10000 [12:41<01:29, 10.66it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 31ms/step

  91%|███████  | 9053/10000 [12:41<01:31, 10.32it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 34ms/step

  91%|███████  | 9055/10000 [12:42<01:30, 10.39it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 41ms/step

  91%|███████  | 9057/10000 [12:42<01:36,  9.81it/s]
```

```
1/1 [==============================] - 0s 34ms/step
  91%|██████   | 9058/10000 [12:42<01:37,  9.70it/s]
1/1 [==============================] - 0s 49ms/step
  91%|██████   | 9059/10000 [12:42<01:40,  9.32it/s]
1/1 [==============================] - 0s 50ms/step
  91%|██████   | 9060/10000 [12:42<01:42,  9.18it/s]
1/1 [==============================] - 0s 61ms/step
  91%|██████   | 9061/10000 [12:42<01:46,  8.80it/s]
1/1 [==============================] - 0s 56ms/step
  91%|██████   | 9062/10000 [12:42<01:48,  8.64it/s]
1/1 [==============================] - 0s 36ms/step
  91%|██████   | 9063/10000 [12:42<01:45,  8.89it/s]
1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 32ms/step
  91%|██████   | 9065/10000 [12:43<01:35,  9.80it/s]
1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 31ms/step
  91%|██████   | 9067/10000 [12:43<01:33, 10.03it/s]
1/1 [==============================] - 0s 53ms/step
  91%|██████   | 9068/10000 [12:43<01:35,  9.74it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 37ms/step
  91%|██████   | 9070/10000 [12:43<01:34,  9.81it/s]
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step
  91%|██████   | 9072/10000 [12:43<01:29, 10.42it/s]
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
  91%|██████   | 9074/10000 [12:43<01:22, 11.26it/s]
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 38ms/step
```

```
 91%|████████    | 9076/10000 [12:44<01:21, 11.39it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 91%|████████    | 9078/10000 [12:44<01:18, 11.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████    | 9080/10000 [12:44<01:18, 11.74it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 31ms/step

 91%|████████    | 9082/10000 [12:44<01:16, 11.98it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 91%|████████    | 9084/10000 [12:44<01:16, 11.90it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████    | 9086/10000 [12:44<01:17, 11.79it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████    | 9088/10000 [12:45<01:14, 12.20it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 91%|████████    | 9090/10000 [12:45<01:13, 12.35it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████    | 9092/10000 [12:45<01:11, 12.68it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

 91%|████████    | 9094/10000 [12:45<01:08, 13.20it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 27ms/step

 91%|████████    | 9096/10000 [12:45<01:09, 12.93it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 91%|████████     | 9098/10000 [12:45<01:09, 12.91it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step

 91%|████████     | 9100/10000 [12:46<01:12, 12.47it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step

 91%|████████     | 9102/10000 [12:46<01:14, 12.01it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

 91%|████████     | 9104/10000 [12:46<01:16, 11.67it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████     | 9106/10000 [12:46<01:13, 12.11it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████     | 9108/10000 [12:46<01:11, 12.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 91%|████████     | 9110/10000 [12:46<01:09, 12.79it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 91%|████████     | 9112/10000 [12:47<01:10, 12.65it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 91%|████████     | 9114/10000 [12:47<01:09, 12.66it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████     | 9116/10000 [12:47<01:10, 12.50it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 91%|████████     | 9118/10000 [12:47<01:12, 12.15it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 27ms/step
```

```
 91%|███████    | 9120/10000 [12:47<01:14, 11.75it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step

 91%|███████    | 9122/10000 [12:47<01:15, 11.56it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

 91%|███████    | 9124/10000 [12:48<01:13, 11.84it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

 91%|███████    | 9126/10000 [12:48<01:13, 11.96it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 91%|███████    | 9128/10000 [12:48<01:09, 12.51it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 36ms/step

 91%|███████    | 9130/10000 [12:48<01:13, 11.81it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 91%|███████    | 9132/10000 [12:48<01:11, 12.14it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 25ms/step

 91%|███████    | 9134/10000 [12:48<01:13, 11.71it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

 91%|███████    | 9136/10000 [12:49<01:12, 11.87it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

 91%|███████    | 9138/10000 [12:49<01:13, 11.80it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

 91%|███████    | 9140/10000 [12:49<01:10, 12.17it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 48ms/step
```

```
  91%|███████ | 9142/10000 [12:49<01:13, 11.74it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
  91%|███████ | 9144/10000 [12:49<01:11, 11.97it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step
  91%|███████ | 9146/10000 [12:49<01:12, 11.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
  91%|███████ | 9148/10000 [12:50<01:13, 11.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
  92%|███████ | 9150/10000 [12:50<01:10, 12.00it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
  92%|███████ | 9152/10000 [12:50<01:11, 11.81it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  92%|███████ | 9154/10000 [12:50<01:09, 12.19it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step
  92%|███████ | 9156/10000 [12:50<01:09, 12.13it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  92%|███████ | 9158/10000 [12:50<01:09, 12.14it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  92%|███████ | 9160/10000 [12:51<01:09, 12.07it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 30ms/step
  92%|███████ | 9162/10000 [12:51<01:08, 12.19it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step
```

```
 92%|████████     | 9164/10000 [12:51<01:07, 12.48it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 92%|████████     | 9166/10000 [12:51<01:08, 12.15it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 27ms/step

 92%|████████     | 9168/10000 [12:51<01:09, 12.01it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 92%|████████     | 9170/10000 [12:51<01:10, 11.74it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step

 92%|████████     | 9172/10000 [12:52<01:10, 11.81it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 28ms/step

 92%|████████     | 9174/10000 [12:52<01:09, 11.92it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 27ms/step

 92%|████████     | 9176/10000 [12:52<01:06, 12.37it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 42ms/step

 92%|████████     | 9178/10000 [12:52<01:05, 12.47it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 92%|████████     | 9180/10000 [12:52<01:03, 12.99it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 92%|████████     | 9182/10000 [12:52<01:02, 13.06it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step

 92%|████████     | 9184/10000 [12:52<01:04, 12.56it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 92%|███████  | 9186/10000 [12:53<01:06, 12.20it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 92%|███████  | 9188/10000 [12:53<01:04, 12.67it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 92%|███████  | 9190/10000 [12:53<01:03, 12.72it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

 92%|███████  | 9192/10000 [12:53<01:06, 12.23it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step

 92%|███████  | 9194/10000 [12:53<01:07, 11.94it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 25ms/step

 92%|███████  | 9196/10000 [12:53<01:06, 12.01it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 37ms/step

 92%|███████  | 9198/10000 [12:54<01:11, 11.15it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 57ms/step

 92%|███████  | 9200/10000 [12:54<01:16, 10.43it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 40ms/step

 92%|███████  | 9202/10000 [12:54<01:17, 10.31it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 44ms/step

 92%|███████  | 9204/10000 [12:54<01:18, 10.10it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 33ms/step

 92%|███████  | 9206/10000 [12:54<01:17, 10.30it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
```

```
  92%|████████    | 9208/10000 [12:55<01:13, 10.74it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 50ms/step
  92%|████████    | 9210/10000 [12:55<01:15, 10.49it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 53ms/step
  92%|████████    | 9212/10000 [12:55<01:17, 10.18it/s]

1/1 [==============================] - 0s 50ms/step
1/1 [==============================] - 0s 39ms/step
  92%|████████    | 9214/10000 [12:55<01:18,  9.95it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 52ms/step
  92%|████████    | 9216/10000 [12:55<01:17, 10.11it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 47ms/step
  92%|████████    | 9218/10000 [12:56<01:18,  9.95it/s]

1/1 [==============================] - 0s 40ms/step
  92%|████████    | 9219/10000 [12:56<01:19,  9.83it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 41ms/step
  92%|████████    | 9221/10000 [12:56<01:18,  9.93it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 53ms/step
  92%|████████    | 9223/10000 [12:56<01:18,  9.86it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 45ms/step
  92%|████████    | 9225/10000 [12:56<01:19,  9.78it/s]

1/1 [==============================] - 0s 49ms/step
  92%|████████    | 9226/10000 [12:57<01:20,  9.58it/s]

1/1 [==============================] - 0s 40ms/step
  92%|████████    | 9227/10000 [12:57<01:21,  9.47it/s]

1/1 [==============================] - 0s 46ms/step
```

```
 92%|████████      | 9228/10000 [12:57<01:21,  9.44it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 25ms/step

 92%|████████      | 9230/10000 [12:57<01:13, 10.43it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 92%|████████      | 9232/10000 [12:57<01:05, 11.65it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 92%|████████      | 9234/10000 [12:57<01:04, 11.95it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 92%|████████      | 9236/10000 [12:57<01:04, 11.91it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 92%|████████      | 9238/10000 [12:58<01:03, 11.99it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 31ms/step

 92%|████████      | 9240/10000 [12:58<01:03, 11.89it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

 92%|████████      | 9242/10000 [12:58<01:02, 12.19it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 92%|████████      | 9244/10000 [12:58<01:01, 12.24it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step

 92%|████████      | 9246/10000 [12:58<01:05, 11.55it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 92%|████████      | 9248/10000 [12:58<01:04, 11.69it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 92%|██████▌   | 9250/10000 [12:59<01:03, 11.75it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step
 93%|██████▌   | 9252/10000 [12:59<01:07, 11.06it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step
 93%|██████▌   | 9254/10000 [12:59<01:03, 11.73it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 42ms/step
 93%|██████▌   | 9256/10000 [12:59<01:02, 11.97it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 34ms/step
 93%|██████▌   | 9258/10000 [12:59<01:02, 11.90it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 93%|██████▌   | 9260/10000 [12:59<01:01, 12.07it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step
 93%|██████▌   | 9262/10000 [13:00<01:02, 11.90it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step
 93%|██████▌   | 9264/10000 [13:00<01:01, 11.95it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 26ms/step
 93%|██████▌   | 9266/10000 [13:00<01:02, 11.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 93%|██████▌   | 9268/10000 [13:00<01:00, 12.11it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
 93%|██████▌   | 9270/10000 [13:00<00:58, 12.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 93%|██████   | 9272/10000 [13:00<00:57, 12.65it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

 93%|██████   | 9274/10000 [13:01<00:59, 12.22it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 93%|██████   | 9276/10000 [13:01<00:59, 12.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 93%|██████   | 9278/10000 [13:01<00:56, 12.74it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 27ms/step

 93%|██████   | 9280/10000 [13:01<00:57, 12.45it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

 93%|██████   | 9282/10000 [13:02<01:39,  7.24it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 48ms/step

 93%|██████   | 9284/10000 [13:02<01:27,  8.17it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

 93%|██████   | 9286/10000 [13:02<01:18,  9.05it/s]

1/1 [==============================] - 0s 47ms/step
1/1 [==============================] - 0s 42ms/step

 93%|██████   | 9288/10000 [13:02<01:15,  9.47it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 33ms/step

 93%|██████   | 9290/10000 [13:02<01:12,  9.83it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step

 93%|██████   | 9292/10000 [13:02<01:11,  9.96it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
```

```
 93%|████████     | 9294/10000 [13:03<01:06, 10.58it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 35ms/step

 93%|████████     | 9296/10000 [13:03<01:06, 10.52it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 32ms/step

 93%|████████     | 9298/10000 [13:03<01:05, 10.66it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step

 93%|████████     | 9300/10000 [13:03<01:09, 10.10it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step

 93%|████████     | 9302/10000 [13:03<01:05, 10.60it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 37ms/step

 93%|████████     | 9304/10000 [13:04<01:05, 10.69it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

 93%|████████     | 9306/10000 [13:04<01:03, 10.92it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step

 93%|████████     | 9308/10000 [13:04<01:02, 11.08it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 40ms/step

 93%|████████     | 9310/10000 [13:04<01:02, 11.00it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 31ms/step

 93%|████████     | 9312/10000 [13:04<01:02, 10.95it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 32ms/step

 93%|████████     | 9314/10000 [13:04<01:02, 10.92it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
```

```
 93%|███████   | 9316/10000 [13:05<01:03, 10.77it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

 93%|███████   | 9318/10000 [13:05<01:03, 10.72it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 31ms/step

 93%|███████   | 9320/10000 [13:05<01:01, 11.06it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 42ms/step

 93%|███████   | 9322/10000 [13:05<01:01, 11.07it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 31ms/step

 93%|███████   | 9324/10000 [13:05<01:00, 11.10it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step

 93%|███████   | 9326/10000 [13:06<01:01, 11.01it/s]

1/1 [==============================] - 0s 51ms/step
1/1 [==============================] - 0s 30ms/step

 93%|███████   | 9328/10000 [13:06<01:02, 10.76it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 33ms/step

 93%|███████   | 9330/10000 [13:06<01:02, 10.67it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 33ms/step

 93%|███████   | 9332/10000 [13:06<01:01, 10.82it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 32ms/step

 93%|███████   | 9334/10000 [13:06<01:02, 10.66it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 33ms/step

 93%|███████   | 9336/10000 [13:07<01:03, 10.54it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 29ms/step
```

```
  93%|██████████     | 9338/10000 [13:07<01:03, 10.37it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 38ms/step
  93%|██████████     | 9340/10000 [13:07<01:02, 10.51it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 33ms/step
  93%|██████████     | 9342/10000 [13:07<01:01, 10.62it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 35ms/step
  93%|██████████     | 9344/10000 [13:07<01:00, 10.93it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 30ms/step
  93%|██████████     | 9346/10000 [13:07<00:58, 11.15it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step
  93%|██████████     | 9348/10000 [13:08<00:55, 11.64it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 40ms/step
  94%|██████████     | 9350/10000 [13:08<00:57, 11.32it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 53ms/step
  94%|██████████     | 9352/10000 [13:08<01:04, 10.05it/s]

1/1 [==============================] - 0s 43ms/step
1/1 [==============================] - 0s 43ms/step
  94%|██████████     | 9354/10000 [13:08<01:04, 10.01it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 42ms/step
  94%|██████████     | 9356/10000 [13:08<01:04,  9.92it/s]

1/1 [==============================] - 0s 63ms/step
1/1 [==============================] - 0s 61ms/step
  94%|██████████     | 9358/10000 [13:09<01:10,  9.14it/s]

1/1 [==============================] - 0s 47ms/step
  94%|██████████     | 9359/10000 [13:09<01:10,  9.04it/s]
```

```
1/1 [==============================] - 0s 50ms/step
  94%|████████  | 9360/10000 [13:09<01:12,  8.84it/s]
1/1 [==============================] - 0s 65ms/step
  94%|████████  | 9361/10000 [13:09<01:14,  8.54it/s]
1/1 [==============================] - 0s 37ms/step
  94%|████████  | 9362/10000 [13:09<01:13,  8.63it/s]
1/1 [==============================] - 0s 58ms/step
  94%|████████  | 9363/10000 [13:09<01:16,  8.31it/s]
1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 30ms/step
  94%|████████  | 9365/10000 [13:09<01:05,  9.64it/s]
1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 29ms/step
  94%|████████  | 9367/10000 [13:10<01:00, 10.46it/s]
1/1 [==============================] - 0s 49ms/step
1/1 [==============================] - 0s 46ms/step
  94%|████████  | 9369/10000 [13:10<01:04,  9.84it/s]
1/1 [==============================] - 0s 60ms/step
  94%|████████  | 9370/10000 [13:10<01:07,  9.30it/s]
1/1 [==============================] - 0s 40ms/step
  94%|████████  | 9371/10000 [13:10<01:06,  9.42it/s]
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 42ms/step
  94%|████████  | 9373/10000 [13:10<01:04,  9.76it/s]
1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 38ms/step
  94%|████████  | 9375/10000 [13:10<01:02, 10.00it/s]
1/1 [==============================] - 0s 37ms/step
  94%|████████  | 9376/10000 [13:11<01:03,  9.88it/s]
1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 28ms/step
```

```
 94%|████████    | 9378/10000 [13:11<01:00, 10.24it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step
 94%|████████    | 9380/10000 [13:11<00:58, 10.56it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 43ms/step
 94%|████████    | 9382/10000 [13:11<00:57, 10.82it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step
 94%|████████    | 9384/10000 [13:11<00:54, 11.32it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 26ms/step
 94%|████████    | 9386/10000 [13:11<00:54, 11.37it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step
 94%|████████    | 9388/10000 [13:12<00:53, 11.44it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 26ms/step
 94%|████████    | 9390/10000 [13:12<00:53, 11.30it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 94%|████████    | 9392/10000 [13:12<00:51, 11.76it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step
 94%|████████    | 9394/10000 [13:12<00:51, 11.87it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 45ms/step
 94%|████████    | 9396/10000 [13:12<00:53, 11.29it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step
 94%|████████    | 9398/10000 [13:12<00:53, 11.23it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step
```

```
 94%|████████    | 9400/10000 [13:13<00:49, 12.16it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 94%|████████    | 9402/10000 [13:13<00:49, 12.19it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
 94%|████████    | 9404/10000 [13:13<00:50, 11.80it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 36ms/step
 94%|████████    | 9406/10000 [13:13<00:51, 11.54it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 28ms/step
 94%|████████    | 9408/10000 [13:13<00:50, 11.82it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 37ms/step
 94%|████████    | 9410/10000 [13:13<00:48, 12.09it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 28ms/step
 94%|████████    | 9412/10000 [13:14<00:49, 11.98it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
 94%|████████    | 9414/10000 [13:14<00:50, 11.66it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
 94%|████████    | 9416/10000 [13:14<00:49, 11.84it/s]

1/1 [==============================] - 0s 45ms/step
1/1 [==============================] - 0s 26ms/step
 94%|████████    | 9418/10000 [13:14<00:49, 11.78it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 33ms/step
 94%|████████    | 9420/10000 [13:14<00:50, 11.50it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 35ms/step
```

```
 94%|███████   | 9422/10000 [13:15<00:51, 11.12it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

 94%|███████   | 9424/10000 [13:15<00:49, 11.71it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 94%|███████   | 9426/10000 [13:15<00:48, 11.76it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 94%|███████   | 9428/10000 [13:15<00:46, 12.25it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 26ms/step

 94%|███████   | 9430/10000 [13:15<00:47, 11.96it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 94%|███████   | 9432/10000 [13:15<00:48, 11.83it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 94%|███████   | 9434/10000 [13:16<00:47, 11.90it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 94%|███████   | 9436/10000 [13:16<00:45, 12.49it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 94%|███████   | 9438/10000 [13:16<00:45, 12.46it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 94%|███████   | 9440/10000 [13:16<00:43, 12.88it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 94%|███████   | 9442/10000 [13:16<00:43, 12.92it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 94%|████████    | 9444/10000 [13:16<00:43, 12.72it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 94%|████████    | 9446/10000 [13:16<00:43, 12.61it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

 94%|████████    | 9448/10000 [13:17<00:43, 12.68it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 27ms/step

 94%|████████    | 9450/10000 [13:17<00:45, 12.21it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████    | 9452/10000 [13:17<00:42, 12.77it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

 95%|████████    | 9454/10000 [13:17<00:42, 12.72it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 95%|████████    | 9456/10000 [13:17<00:42, 12.74it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step

 95%|████████    | 9458/10000 [13:17<00:44, 12.30it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 95%|████████    | 9460/10000 [13:18<00:42, 12.83it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 34ms/step

 95%|████████    | 9462/10000 [13:18<00:42, 12.77it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████    | 9464/10000 [13:18<00:42, 12.57it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 95%|████████   | 9466/10000 [13:18<00:42, 12.59it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step

 95%|████████   | 9468/10000 [13:18<00:41, 12.67it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 35ms/step

 95%|████████   | 9470/10000 [13:18<00:42, 12.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 95%|████████   | 9472/10000 [13:19<00:42, 12.28it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 27ms/step

 95%|████████   | 9474/10000 [13:19<00:43, 12.06it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████   | 9476/10000 [13:19<00:42, 12.27it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 38ms/step

 95%|████████   | 9478/10000 [13:19<00:44, 11.86it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████   | 9480/10000 [13:19<00:42, 12.24it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████   | 9482/10000 [13:19<00:41, 12.34it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 41ms/step

 95%|████████   | 9484/10000 [13:20<00:43, 11.85it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 34ms/step

 95%|████████   | 9486/10000 [13:20<00:43, 11.81it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 95%|███████▌ | 9488/10000 [13:20<00:43, 11.78it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step

 95%|███████▌ | 9490/10000 [13:20<00:43, 11.80it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 95%|███████▌ | 9492/10000 [13:20<00:43, 11.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 34ms/step

 95%|███████▌ | 9494/10000 [13:20<00:43, 11.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 95%|███████▌ | 9496/10000 [13:21<00:42, 11.73it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 30ms/step

 95%|███████▌ | 9498/10000 [13:21<00:42, 11.84it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 52ms/step

 95%|███████▌ | 9500/10000 [13:21<00:44, 11.34it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 38ms/step

 95%|███████▌ | 9502/10000 [13:21<00:43, 11.32it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 41ms/step

 95%|███████▌ | 9504/10000 [13:21<00:46, 10.68it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 40ms/step

 95%|███████▌ | 9506/10000 [13:21<00:47, 10.35it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 30ms/step

 95%|███████▌ | 9508/10000 [13:22<00:47, 10.44it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 52ms/step
```

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95%|████████| 9510/10000 [13:22<00:49,  9.87it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 31ms/step
95%|████████| 9512/10000 [13:22<00:47, 10.35it/s]

1/1 [==============================] - 0s 51ms/step
1/1 [==============================] - 0s 50ms/step
95%|████████| 9514/10000 [13:22<00:50,  9.72it/s]

1/1 [==============================] - 0s 40ms/step
95%|████████| 9515/10000 [13:22<00:49,  9.75it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 31ms/step
95%|████████| 9517/10000 [13:23<00:46, 10.35it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 30ms/step
95%|████████| 9519/10000 [13:23<00:44, 10.71it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 28ms/step
95%|████████| 9521/10000 [13:23<00:44, 10.80it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 51ms/step
95%|████████| 9523/10000 [13:23<00:45, 10.39it/s]

1/1 [==============================] - 0s 53ms/step
1/1 [==============================] - 0s 55ms/step
95%|████████| 9525/10000 [13:23<00:49,  9.63it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 31ms/step
95%|████████| 9527/10000 [13:24<00:47,  9.89it/s]

1/1 [==============================] - 0s 57ms/step
1/1 [==============================] - 0s 32ms/step
95%|████████| 9529/10000 [13:24<00:49,  9.55it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 59ms/step
95%|████████| 9531/10000 [13:24<00:48,  9.69it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 32ms/step

 95%|████████| 9533/10000 [13:24<00:47,  9.93it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 95%|████████| 9535/10000 [13:24<00:44, 10.53it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 34ms/step

 95%|████████| 9537/10000 [13:25<00:42, 10.88it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 95%|████████| 9539/10000 [13:25<00:41, 10.99it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████| 9541/10000 [13:25<00:39, 11.55it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 30ms/step

 95%|████████| 9543/10000 [13:25<00:38, 11.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 95%|████████| 9545/10000 [13:25<00:37, 12.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 95%|████████| 9547/10000 [13:25<00:37, 11.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

 95%|████████| 9549/10000 [13:26<00:37, 12.14it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 33ms/step

 96%|████████| 9551/10000 [13:26<00:38, 11.76it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

 96%|████████| 9553/10000 [13:26<00:36, 12.12it/s]
```

```
1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 28ms/step

  96%|████████| 9555/10000 [13:26<00:35, 12.53it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 28ms/step

  96%|████████| 9557/10000 [13:26<00:36, 12.22it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  96%|████████| 9559/10000 [13:26<00:35, 12.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9561/10000 [13:26<00:35, 12.42it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 39ms/step

  96%|████████| 9563/10000 [13:27<00:34, 12.70it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step

  96%|████████| 9565/10000 [13:27<00:33, 12.97it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9567/10000 [13:27<00:33, 13.08it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  96%|████████| 9569/10000 [13:27<00:33, 13.04it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9571/10000 [13:27<00:34, 12.56it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

  96%|████████| 9573/10000 [13:27<00:33, 12.58it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9575/10000 [13:28<00:34, 12.31it/s]
```

```
1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9577/10000 [13:28<00:36, 11.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  96%|████████| 9579/10000 [13:28<00:36, 11.69it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  96%|████████| 9581/10000 [13:28<00:33, 12.47it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9583/10000 [13:28<00:33, 12.63it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step

  96%|████████| 9585/10000 [13:28<00:31, 13.00it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9587/10000 [13:29<00:33, 12.48it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 41ms/step

  96%|████████| 9589/10000 [13:29<00:33, 12.17it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 38ms/step

  96%|████████| 9591/10000 [13:29<00:33, 12.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  96%|████████| 9593/10000 [13:29<00:34, 11.84it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

  96%|████████| 9595/10000 [13:29<00:32, 12.31it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

  96%|████████| 9597/10000 [13:29<00:33, 11.99it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step

  96%|███████| 9599/10000 [13:30<00:32, 12.26it/s]

1/1 [==============================] - 0s 42ms/step
1/1 [==============================] - 0s 33ms/step

  96%|███████| 9601/10000 [13:30<00:33, 12.08it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step

  96%|███████| 9603/10000 [13:30<00:32, 12.15it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

  96%|███████| 9605/10000 [13:30<00:32, 12.22it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  96%|███████| 9607/10000 [13:30<00:32, 12.13it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  96%|███████| 9609/10000 [13:30<00:31, 12.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  96%|███████| 9611/10000 [13:31<00:30, 12.63it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

  96%|███████| 9613/10000 [13:31<00:29, 13.16it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 35ms/step

  96%|███████| 9615/10000 [13:31<00:30, 12.51it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 40ms/step

  96%|███████| 9617/10000 [13:31<00:30, 12.42it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step

  96%|███████| 9619/10000 [13:31<00:32, 11.89it/s]
```

```
1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step

  96%|██████████| 9621/10000 [13:31<00:31, 11.89it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  96%|██████████| 9623/10000 [13:32<00:32, 11.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 35ms/step

  96%|██████████| 9625/10000 [13:32<00:32, 11.51it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 37ms/step

  96%|██████████| 9627/10000 [13:32<00:32, 11.31it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  96%|██████████| 9629/10000 [13:32<00:32, 11.39it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step

  96%|██████████| 9631/10000 [13:32<00:32, 11.24it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 29ms/step

  96%|██████████| 9633/10000 [13:32<00:31, 11.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 34ms/step

  96%|██████████| 9635/10000 [13:33<00:30, 12.04it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  96%|██████████| 9637/10000 [13:33<00:29, 12.12it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 25ms/step

  96%|██████████| 9639/10000 [13:33<00:30, 11.94it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

  96%|██████████| 9641/10000 [13:33<00:29, 12.32it/s]
```

```
1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 45ms/step

  96%|███████| 9643/10000 [13:33<00:29, 12.17it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  96%|███████| 9645/10000 [13:33<00:28, 12.28it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  96%|███████| 9647/10000 [13:34<00:27, 12.66it/s]

1/1 [==============================] - 0s 48ms/step
1/1 [==============================] - 0s 25ms/step

  96%|███████| 9649/10000 [13:34<00:29, 11.99it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

  97%|███████| 9651/10000 [13:34<00:28, 12.17it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step

  97%|███████| 9653/10000 [13:34<00:27, 12.46it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

  97%|███████| 9655/10000 [13:34<00:29, 11.82it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 28ms/step

  97%|███████| 9657/10000 [13:34<00:28, 12.13it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 28ms/step

  97%|███████| 9659/10000 [13:35<00:27, 12.24it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 43ms/step

  97%|███████| 9661/10000 [13:35<00:30, 11.26it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 34ms/step

  97%|███████| 9663/10000 [13:35<00:31, 10.72it/s]
```

```
1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 56ms/step

 97%|█████████| 9665/10000 [13:35<00:32, 10.29it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 30ms/step

 97%|█████████| 9667/10000 [13:35<00:32, 10.40it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 46ms/step

 97%|█████████| 9669/10000 [13:36<00:34,  9.65it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 33ms/step

 97%|█████████| 9671/10000 [13:36<00:33,  9.76it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

 97%|█████████| 9673/10000 [13:36<00:31, 10.40it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 49ms/step

 97%|█████████| 9675/10000 [13:36<00:30, 10.70it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

 97%|█████████| 9677/10000 [13:36<00:28, 11.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 44ms/step

 97%|█████████| 9679/10000 [13:36<00:28, 11.29it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step

 97%|█████████| 9681/10000 [13:37<00:27, 11.42it/s]

1/1 [==============================] - 0s 66ms/step
1/1 [==============================] - 0s 40ms/step

 97%|█████████| 9683/10000 [13:37<00:30, 10.44it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

 97%|█████████| 9685/10000 [13:37<00:29, 10.66it/s]
```

```
1/1 [==============================] - 0s 63ms/step
1/1 [==============================] - 0s 34ms/step

  97%|███████| 9687/10000 [13:37<00:30, 10.22it/s]

1/1 [==============================] - 0s 46ms/step
1/1 [==============================] - 0s 40ms/step

  97%|███████| 9689/10000 [13:37<00:31, 10.02it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 41ms/step

  97%|███████| 9691/10000 [13:38<00:31,  9.72it/s]

1/1 [==============================] - 0s 50ms/step

  97%|███████| 9692/10000 [13:38<00:32,  9.46it/s]

1/1 [==============================] - 0s 51ms/step

  97%|███████| 9693/10000 [13:38<00:33,  9.26it/s]

1/1 [==============================] - 0s 57ms/step

  97%|███████| 9694/10000 [13:38<00:34,  8.87it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 24ms/step

  97%|███████| 9696/10000 [13:38<00:30, 10.07it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 28ms/step

  97%|███████| 9698/10000 [13:38<00:29, 10.41it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step

  97%|███████| 9700/10000 [13:39<00:27, 10.84it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  97%|███████| 9702/10000 [13:39<00:25, 11.81it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  97%|███████| 9704/10000 [13:39<00:24, 11.86it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 97%|██████████      | 9706/10000 [13:39<00:24, 11.87it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 26ms/step

 97%|██████████      | 9708/10000 [13:39<00:25, 11.52it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 97%|██████████      | 9710/10000 [13:39<00:24, 12.01it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

 97%|██████████      | 9712/10000 [13:40<00:23, 12.08it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

 97%|██████████      | 9714/10000 [13:40<00:22, 12.75it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 27ms/step

 97%|██████████      | 9716/10000 [13:40<00:21, 13.03it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 97%|██████████      | 9718/10000 [13:40<00:22, 12.26it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 28ms/step

 97%|██████████      | 9720/10000 [13:40<00:22, 12.22it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 97%|██████████      | 9722/10000 [13:40<00:22, 12.35it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

 97%|██████████      | 9724/10000 [13:40<00:23, 11.95it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step

 97%|██████████      | 9726/10000 [13:41<00:23, 11.88it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 34ms/step
```

```
 97%|████████▋ | 9728/10000 [13:41<00:22, 12.02it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
 97%|████████▋ | 9730/10000 [13:41<00:21, 12.55it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 97%|████████▋ | 9732/10000 [13:41<00:21, 12.37it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 26ms/step
 97%|████████▋ | 9734/10000 [13:41<00:21, 12.36it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 97%|████████▋ | 9736/10000 [13:41<00:21, 12.48it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 31ms/step
 97%|████████▋ | 9738/10000 [13:42<00:21, 12.28it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 24ms/step
 97%|████████▋ | 9740/10000 [13:42<00:20, 12.59it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 97%|████████▋ | 9742/10000 [13:42<00:20, 12.63it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 25ms/step
 97%|████████▋ | 9744/10000 [13:42<00:20, 12.25it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 24ms/step
 97%|████████▋ | 9746/10000 [13:42<00:20, 12.36it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 39ms/step
 97%|████████▋ | 9748/10000 [13:42<00:21, 11.85it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 98%|██████████| 9750/10000 [13:43<00:21, 11.77it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 41ms/step
 98%|██████████| 9752/10000 [13:43<00:21, 11.68it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 31ms/step
 98%|██████████| 9754/10000 [13:43<00:20, 12.04it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 98%|██████████| 9756/10000 [13:43<00:20, 11.98it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 25ms/step
 98%|██████████| 9758/10000 [13:43<00:20, 11.81it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
 98%|██████████| 9760/10000 [13:43<00:20, 11.93it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 41ms/step
 98%|██████████| 9762/10000 [13:44<00:19, 11.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
 98%|██████████| 9764/10000 [13:44<00:19, 12.14it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 33ms/step
 98%|██████████| 9766/10000 [13:44<00:19, 12.13it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
 98%|██████████| 9768/10000 [13:44<00:18, 12.44it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step
 98%|██████████| 9770/10000 [13:44<00:18, 12.54it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 25ms/step
```

```
  98%|██████████| 9772/10000 [13:44<00:18, 12.21it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 25ms/step

  98%|██████████| 9774/10000 [13:45<00:17, 12.81it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 31ms/step

  98%|██████████| 9776/10000 [13:45<00:17, 13.16it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

  98%|██████████| 9778/10000 [13:45<00:17, 12.45it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

  98%|██████████| 9780/10000 [13:45<00:17, 12.26it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

  98%|██████████| 9782/10000 [13:45<00:17, 12.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 32ms/step

  98%|██████████| 9784/10000 [13:45<00:16, 12.72it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 43ms/step

  98%|██████████| 9786/10000 [13:46<00:17, 12.24it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 51ms/step

  98%|██████████| 9788/10000 [13:46<00:18, 11.69it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step

  98%|██████████| 9790/10000 [13:46<00:17, 12.07it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 26ms/step

  98%|██████████| 9792/10000 [13:46<00:17, 11.78it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 30ms/step
```

```
98%|██████████| 9794/10000 [13:46<00:17, 11.47it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step

98%|██████████| 9796/10000 [13:46<00:18, 11.22it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step

98%|██████████| 9798/10000 [13:47<00:17, 11.71it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 25ms/step

98%|██████████| 9800/10000 [13:47<00:17, 11.60it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 26ms/step

98%|██████████| 9802/10000 [13:47<00:17, 11.52it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 29ms/step

98%|██████████| 9804/10000 [13:47<00:17, 11.38it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 47ms/step

98%|██████████| 9806/10000 [13:47<00:17, 11.41it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

98%|██████████| 9808/10000 [13:47<00:16, 11.61it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step

98%|██████████| 9810/10000 [13:48<00:15, 12.37it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step

98%|██████████| 9812/10000 [13:48<00:14, 12.69it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 26ms/step

98%|██████████| 9814/10000 [13:48<00:15, 11.91it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step
```

```
 98%|███████| 9816/10000 [13:48<00:15, 12.12it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 41ms/step

 98%|███████| 9818/10000 [13:48<00:15, 11.63it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 29ms/step

 98%|███████| 9820/10000 [13:48<00:15, 11.47it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 31ms/step

 98%|███████| 9822/10000 [13:49<00:15, 11.85it/s]

1/1 [==============================] - 0s 56ms/step
1/1 [==============================] - 0s 45ms/step

 98%|███████| 9824/10000 [13:49<00:16, 10.64it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 56ms/step

 98%|███████| 9826/10000 [13:49<00:17,  9.87it/s]

1/1 [==============================] - 0s 59ms/step
1/1 [==============================] - 0s 56ms/step

 98%|███████| 9828/10000 [13:49<00:18,  9.17it/s]

1/1 [==============================] - 0s 52ms/step

 98%|███████| 9829/10000 [13:49<00:18,  9.07it/s]

1/1 [==============================] - 0s 54ms/step

 98%|███████| 9830/10000 [13:50<00:18,  9.00it/s]

1/1 [==============================] - 0s 32ms/step

 98%|███████| 9831/10000 [13:50<00:18,  9.17it/s]

1/1 [==============================] - 0s 43ms/step

 98%|███████| 9832/10000 [13:50<00:17,  9.35it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 33ms/step

 98%|███████| 9834/10000 [13:50<00:16,  9.88it/s]

1/1 [==============================] - 0s 46ms/step
```

```
 98%|████████| 9835/10000 [13:50<00:16,  9.75it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 51ms/step
 98%|████████| 9837/10000 [13:50<00:16,  9.75it/s]

1/1 [==============================] - 0s 32ms/step
1/1 [==============================] - 0s 43ms/step
 98%|████████| 9839/10000 [13:50<00:15, 10.08it/s]

1/1 [==============================] - 0s 34ms/step
1/1 [==============================] - 0s 32ms/step
 98%|████████| 9841/10000 [13:51<00:15, 10.10it/s]

1/1 [==============================] - 0s 52ms/step
1/1 [==============================] - 0s 42ms/step
 98%|████████| 9843/10000 [13:51<00:16,  9.62it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 37ms/step
 98%|████████| 9845/10000 [13:51<00:15,  9.93it/s]

1/1 [==============================] - 0s 55ms/step
 98%|████████| 9846/10000 [13:51<00:16,  9.47it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 56ms/step
 98%|████████| 9848/10000 [13:51<00:16,  9.46it/s]

1/1 [==============================] - 0s 38ms/step
 98%|████████| 9849/10000 [13:52<00:15,  9.54it/s]

1/1 [==============================] - 0s 50ms/step
 98%|████████| 9850/10000 [13:52<00:16,  9.34it/s]

1/1 [==============================] - 0s 37ms/step
 99%|████████| 9851/10000 [13:52<00:16,  9.24it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
 99%|████████| 9853/10000 [13:52<00:14, 10.40it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 99%|██████████| 9855/10000 [13:52<00:12, 11.28it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 32ms/step
 99%|██████████| 9857/10000 [13:52<00:12, 11.15it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
 99%|██████████| 9859/10000 [13:52<00:12, 11.09it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 99%|██████████| 9861/10000 [13:53<00:12, 11.23it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 40ms/step
 99%|██████████| 9863/10000 [13:53<00:11, 11.61it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 33ms/step
 99%|██████████| 9865/10000 [13:53<00:11, 11.98it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 27ms/step
 99%|██████████| 9867/10000 [13:53<00:11, 11.82it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step
 99%|██████████| 9869/10000 [13:53<00:11, 11.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
 99%|██████████| 9871/10000 [13:53<00:10, 12.12it/s]

1/1 [==============================] - 0s 55ms/step
1/1 [==============================] - 0s 39ms/step
 99%|██████████| 9873/10000 [13:54<00:11, 11.45it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
 99%|██████████| 9875/10000 [13:54<00:10, 12.03it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 33ms/step
```

```
  99%|███████| 9877/10000 [13:54<00:10, 12.00it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 26ms/step
  99%|███████| 9879/10000 [13:54<00:10, 11.86it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
  99%|███████| 9881/10000 [13:54<00:09, 12.21it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 30ms/step
  99%|███████| 9883/10000 [13:54<00:09, 11.96it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 31ms/step
  99%|███████| 9885/10000 [13:55<00:09, 11.99it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 26ms/step
  99%|███████| 9887/10000 [13:55<00:09, 11.77it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 35ms/step
  99%|███████| 9889/10000 [13:55<00:09, 11.74it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 25ms/step
  99%|███████| 9891/10000 [13:55<00:09, 11.68it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 28ms/step
  99%|███████| 9893/10000 [13:55<00:08, 11.94it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 40ms/step
  99%|███████| 9895/10000 [13:55<00:08, 11.88it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step
  99%|███████| 9897/10000 [13:56<00:08, 11.93it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 26ms/step
```

```
  99%|████████| 9899/10000 [13:56<00:08, 12.09it/s]

1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 38ms/step
  99%|████████| 9901/10000 [13:56<00:08, 11.79it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  99%|████████| 9903/10000 [13:56<00:08, 11.98it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
  99%|████████| 9905/10000 [13:56<00:08, 11.62it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 26ms/step
  99%|████████| 9907/10000 [13:56<00:07, 12.17it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 39ms/step
  99%|████████| 9909/10000 [13:57<00:07, 12.22it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 27ms/step
  99%|████████| 9911/10000 [13:57<00:07, 11.87it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step
  99%|████████| 9913/10000 [13:57<00:07, 11.74it/s]

1/1 [==============================] - 0s 37ms/step
1/1 [==============================] - 0s 27ms/step
  99%|████████| 9915/10000 [13:57<00:07, 11.50it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step
  99%|████████| 9917/10000 [13:57<00:07, 11.54it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 29ms/step
  99%|████████| 9919/10000 [13:57<00:06, 12.15it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 99%|███████| 9921/10000 [13:58<00:06, 11.80it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 99%|███████| 9923/10000 [13:58<00:06, 11.71it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step

 99%|███████| 9925/10000 [13:58<00:06, 11.72it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 24ms/step

 99%|███████| 9927/10000 [13:58<00:05, 12.19it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 30ms/step

 99%|███████| 9929/10000 [13:58<00:05, 12.10it/s]

1/1 [==============================] - 0s 24ms/step
1/1 [==============================] - 0s 27ms/step

 99%|███████| 9931/10000 [13:58<00:05, 12.36it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 24ms/step

 99%|███████| 9933/10000 [13:59<00:05, 12.71it/s]

1/1 [==============================] - 0s 28ms/step
1/1 [==============================] - 0s 25ms/step

 99%|███████| 9935/10000 [13:59<00:05, 12.69it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step

 99%|███████| 9937/10000 [13:59<00:04, 12.75it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 25ms/step

 99%|███████| 9939/10000 [13:59<00:04, 12.69it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step

 99%|███████| 9941/10000 [13:59<00:04, 12.53it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 26ms/step
```

```
 99%|███████| 9943/10000 [13:59<00:04, 12.32it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 24ms/step
 99%|███████| 9945/10000 [14:00<00:04, 12.39it/s]

1/1 [==============================] - 0s 40ms/step
1/1 [==============================] - 0s 31ms/step
 99%|███████| 9947/10000 [14:00<00:04, 12.05it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step
 99%|███████| 9949/10000 [14:00<00:04, 11.98it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 28ms/step
100%|███████| 9951/10000 [14:00<00:03, 12.34it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 30ms/step
100%|███████| 9953/10000 [14:00<00:04, 11.67it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 39ms/step
100%|███████| 9955/10000 [14:00<00:03, 11.76it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step
100%|███████| 9957/10000 [14:01<00:03, 11.34it/s]

1/1 [==============================] - 0s 35ms/step
1/1 [==============================] - 0s 26ms/step
100%|███████| 9959/10000 [14:01<00:03, 11.68it/s]

1/1 [==============================] - 0s 31ms/step
1/1 [==============================] - 0s 26ms/step
100%|███████| 9961/10000 [14:01<00:03, 11.86it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 25ms/step
100%|███████| 9963/10000 [14:01<00:03, 12.06it/s]

1/1 [==============================] - 0s 26ms/step
1/1 [==============================] - 0s 27ms/step
```

```
100%|████████| 9965/10000 [14:01<00:02, 11.89it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 26ms/step
100%|████████| 9967/10000 [14:01<00:02, 11.60it/s]

1/1 [==============================] - 0s 44ms/step
1/1 [==============================] - 0s 27ms/step
100%|████████| 9969/10000 [14:02<00:02, 11.38it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 53ms/step
100%|████████| 9971/10000 [14:02<00:02, 10.76it/s]

1/1 [==============================] - 0s 41ms/step
1/1 [==============================] - 0s 36ms/step
100%|████████| 9973/10000 [14:02<00:02, 10.43it/s]

1/1 [==============================] - 0s 30ms/step
1/1 [==============================] - 0s 46ms/step
100%|████████| 9975/10000 [14:02<00:02, 10.29it/s]

1/1 [==============================] - 0s 54ms/step
1/1 [==============================] - 0s 56ms/step
100%|████████| 9977/10000 [14:02<00:02,  9.56it/s]

1/1 [==============================] - 0s 50ms/step
100%|████████| 9978/10000 [14:03<00:02,  9.40it/s]

1/1 [==============================] - 0s 55ms/step
100%|████████| 9979/10000 [14:03<00:02,  9.27it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 43ms/step
100%|████████| 9981/10000 [14:03<00:01,  9.98it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 27ms/step
100%|████████| 9983/10000 [14:03<00:01, 10.66it/s]

1/1 [==============================] - 0s 33ms/step
1/1 [==============================] - 0s 36ms/step
100%|████████| 9985/10000 [14:03<00:01, 11.21it/s]
```

```
1/1 [==============================] - 0s 36ms/step
1/1 [==============================] - 0s 35ms/step

100%|████████| 9987/10000 [14:03<00:01, 11.14it/s]

1/1 [==============================] - 0s 29ms/step
1/1 [==============================] - 0s 37ms/step

100%|████████| 9989/10000 [14:04<00:00, 11.05it/s]

1/1 [==============================] - 0s 38ms/step
1/1 [==============================] - 0s 43ms/step

100%|████████| 9991/10000 [14:04<00:00, 10.62it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 26ms/step

100%|████████| 9993/10000 [14:04<00:00, 11.50it/s]

1/1 [==============================] - 0s 25ms/step
1/1 [==============================] - 0s 27ms/step

100%|████████| 9995/10000 [14:04<00:00, 12.34it/s]

1/1 [==============================] - 0s 27ms/step
1/1 [==============================] - 0s 43ms/step

100%|████████| 9997/10000 [14:04<00:00, 12.25it/s]

1/1 [==============================] - 0s 39ms/step
1/1 [==============================] - 0s 42ms/step

100%|████████| 9999/10000 [14:04<00:00, 11.56it/s]

1/1 [==============================] - 0s 31ms/step

100%|████████| 10000/10000 [14:05<00:00, 11.83it/s]
```

```python
# Prediction of individual images taken from internet

# call the function

# defining parameters to pass to function
i=random.randrange(1, 10000) # image number 12. You may change value
of i for play around
plt.figure(figsize=(6,3))
plt.subplot(1,2,1)
# we are passing "val_images_Original" just to show original image
instead of "val_images"
# which is preprocessed as VGG16 process and used for prediction.
plot_image(i,predictions, val_image_label, val_images_Original)
plt.subplot(1,2,2)
```
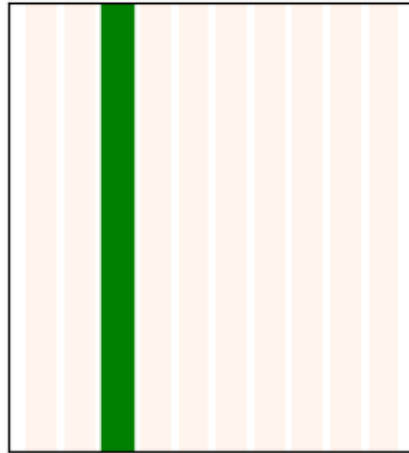
```
plot_value_array(i, predictions, val_image_label)
plt.show()
```


Two 100%
(Two)

```
# Declaring variables
num_rows=5
num_cols=5
num_images=num_rows*num_cols

plt.figure(figsize=(2*2*num_cols,2*num_rows))

print("Classification of using Transfer Learning (VGG16)\n")
print("Predicted, Percentage, (Original)\n")

for i in range(num_images):
    plt.subplot(num_rows, 2*num_cols, 2*i+1)
    ii=random.randrange(1,10000)
    # we are passing "val_images_Original" just to show original image
instead of "val_images"
    # which is preprocessed as VGG16 process and used for prediction.
    plt.plot_image(ii,predictions, val_image_label, val_images_Original)

    plt.subplot(num_rows, 2*num_cols, 2*i+2)

    plot_value_array(i, predictions, val_image_label)
plt.subplots_adjust(hspace=0.5)
plt.show()

Classification of using Transfer Learning (VGG16)

Predicted, Percentage, (Original)
```
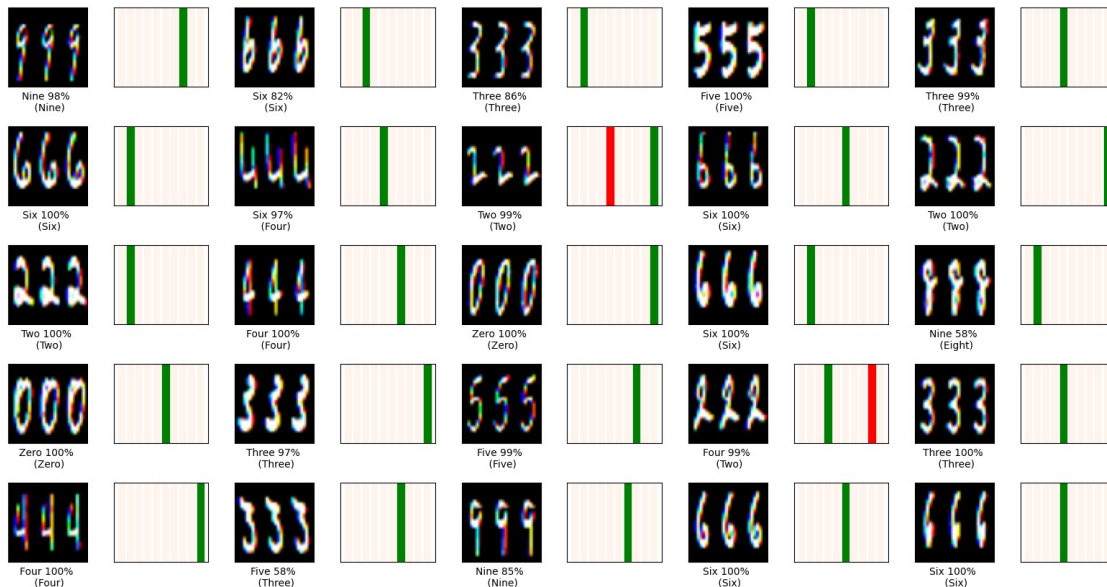
Nine 98%
(Nine)

Six 82%
(Six)

Three 86%
(Three)

Five 100%
(Five)

Three 99%
(Three)

Six 100%
(Six)

Six 97%
(Four)

Two 99%
(Two)

Six 100%
(Six)

Two 100%
(Two)

Two 100%
(Two)

Four 100%
(Four)

Zero 100%
(Zero)

Six 100%
(Six)

Nine 58%
(Eight)

Zero 100%
(Zero)

Three 97%
(Three)

Five 99%
(Five)

Four 99%
(Two)

Three 100%
(Three)

Four 100%
(Four)

Five 58%
(Three)

Nine 85%
(Nine)

Six 100%
(Six)

Six 100%
(Six)

plot the loss and accuracy

```python
acc = history.history['accuracy']
val_acc = history.history['val_accuracy']
loss = history.history['loss']
val_loss = history.history['val_loss']
epochs = range(1, len(acc) + 1)

plt.title('Training and validation accuracy')
plt.plot(epochs, acc, 'red', label='Training acc')
plt.plot(epochs, val_acc, 'blue', label='Validation acc')
plt.legend()

plt.figure()
plt.title('Training and validation loss')
plt.plot(epochs, loss, 'red', label='Training loss')
plt.plot(epochs, val_loss, 'blue', label='Validation loss')

plt.legend()

plt.show()
```
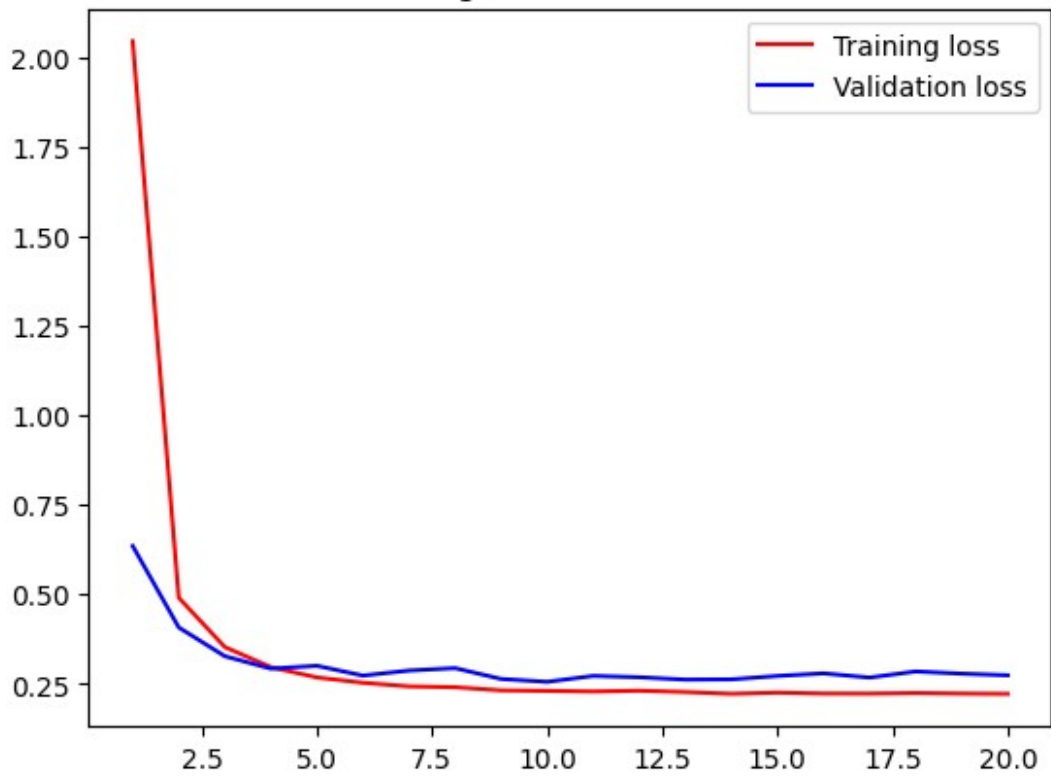
Training and validation accuracy
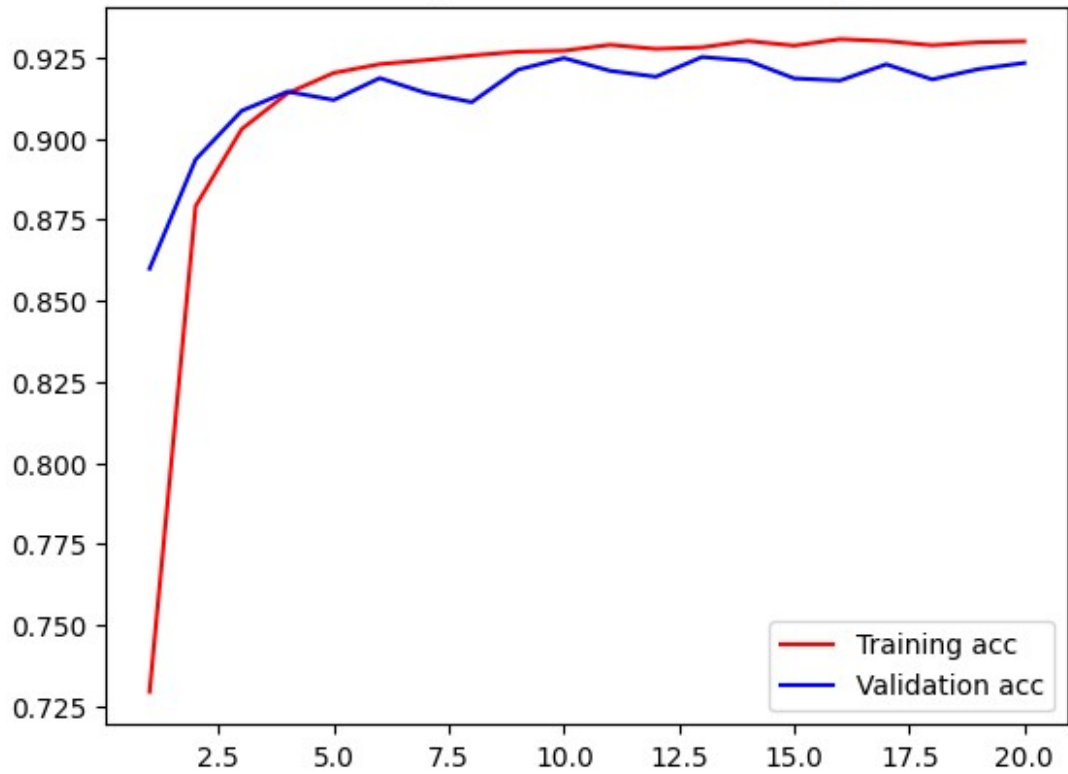
Training and validation loss

```python
print("Notebook completed.")
```

Notebook completed.