## **Keras implementation**

## **Temperature and Humidity**

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```
In [1]: import numpy as np
        from sklearn.preprocessing import MinMaxScaler, LabelEncoder
        from tensorflow.keras.models import Sequential
        from tensorflow.keras.layers import Dense
        from tensorflow.keras.optimizers import SGD
        import pandas as pd
In [2]: # Load your dataset
        df = pd.read_csv("data_Temperature_Humidity.csv")
        X = df[['Temperature', 'Humidity']].values
        y = LabelEncoder().fit_transform(df['Class']).reshape(-1, 1)
In [3]: # Normalize inputs
        X = MinMaxScaler().fit_transform(X)
In [4]: # Define the model
        model = Sequential([
            Dense(2, input_dim=2, activation='sigmoid'), # Layer L1
            Dense(1, activation='sigmoid')
                                                          # Output Layer L2
        ])
       c:\Users\aldacoa\AppData\Local\python311\Lib\site-packages\keras\src\layers\core\dense.py:87: Use
       rWarning: Do not pass an `input_shape`/`input_dim` argument to a layer. When using Sequential mod
       els, prefer using an `Input(shape)` object as the first layer in the model instead.
         super().__init__(activity_regularizer=activity_regularizer, **kwargs)
In [5]: # Compile the model
        model.compile(optimizer=SGD(learning_rate=0.1), loss='binary_crossentropy', metrics=['accuracy']
In [8]: # Train the model
        model.fit(X, y, epochs=1000, verbose=1)
```

Fnoch 1/1000								
Epoch 1/1000 1/1	0s	42ms/step	_	accuracy:	0.1000	_	loss:	0.7108
Epoch 2/1000								
	0s	50ms/step	-	accuracy:	0.1000	-	loss:	0.7107
Epoch 3/1000 1/1	0s	48ms/step	_	accuracv:	0.1000	_	loss:	0.7106
Epoch 4/1000								
	0s	48ms/step	-	accuracy:	0.1000	-	loss:	0.7104
Epoch 5/1000 1/1	05	46ms/step	_	accuracy:	0.1000	_	loss:	0.7103
Epoch 6/1000		. оо, о сер			0.12000			017_03
1/1	0s	47ms/step	-	accuracy:	0.1000	-	loss:	0.7101
Epoch 7/1000 1/1	05	44ms/sten	_	accuracy:	0.1000	_	loss:	0.7100
Epoch 8/1000								
1/1	0s	42ms/step	-	accuracy:	0.1000	-	loss:	0.7099
Epoch 9/1000 1/1	05	43ms/step	_	accuracy:	0.1000	_	loss:	0.7097
Epoch 10/1000		.ээ, э сер			0.12000			
	0s	46ms/step	-	accuracy:	0.1000	-	loss:	0.7096
Epoch 11/1000 1/1	0s	48ms/step	_	accuracy:	0.1000	_	loss:	0.7095
Epoch 12/1000								
	0s	46ms/step	-	accuracy:	0.1000	-	loss:	0.7093
Epoch 13/1000 1/1	0s	47ms/step	_	accuracv:	0.1000	_	loss:	0.7092
Epoch 14/1000		·		-				
	0s	47ms/step	-	accuracy:	0.1000	-	loss:	0.7090
Epoch 15/1000 1/1	0s	47ms/step	_	accuracy:	0.1000	_	loss:	0.7089
Epoch 16/1000								
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	0.1000	-	loss:	0.7088
	0s	44ms/step	_	accuracy:	0.1000	_	loss:	0.7086
Epoch 18/1000								
<b>1/1</b> Epoch 19/1000	0s	42ms/step	-	accuracy:	0.1000	-	loss:	0.7085
1/1	0s	56ms/step	-	accuracy:	0.1000	_	loss:	0.7084
Epoch 20/1000	_	,						
1/1 ———————————————————————————————————	0s	56ms/step	-	accuracy:	0.1000	-	loss:	0.7083
1/1	0s	70ms/step	-	accuracy:	0.1000	-	loss:	0.7081
Epoch 22/1000	_	/ /			0.1000			
1/1 ———————————————————————————————————	0s	54ms/step	-	accuracy:	0.1000	-	loss:	0.7080
1/1	0s	39ms/step	-	accuracy:	0.1000	-	loss:	0.7079
Epoch 24/1000 1/1	0.5	10ms /ston		2661102614	0 1000		10001	0 7077
Epoch 25/1000	05	40ms/step	-	accuracy:	0.1000	-	1088:	0.7077
1/1	0s	43ms/step	-	accuracy:	0.1000	-	loss:	0.7076
Epoch 26/1000 1/1	0.5	Arms/ston		2661102614	0 1000		10001	0 7075
Epoch 27/1000	62	45ms/step	-	accuracy.	0.1000	-	1055.	0.7075
1/1	0s	43ms/step	-	accuracy:	0.1000	-	loss:	0.7074
Epoch 28/1000 1/1	Q.c	16ms/s+05	_	accunacy	0 1000	_	1000	0 7072
Epoch 29/1000	05	+01113/3teb	-	accuracy:	0.1000	-	1022:	0.70/2
1/1	0s	40ms/step	-	accuracy:	0.1000	-	loss:	0.7071
Epoch 30/1000								

1/1	<b>— 0s</b> 40ms/step - accuracy: 0.1000 - loss: 0.7070
Epoch 31/1000	— <b>05</b> 40ms/step - accuracy: 0.1000 - 10ss: 0.7070
-	- <b>0s</b> 43ms/step - accuracy: 0.1000 - loss: 0.7069
Epoch 32/1000	
1/1	<b>— 0s</b> 42ms/step - accuracy: 0.1000 - loss: 0.7067
Epoch 33/1000	
	<b>— 0s</b> 46ms/step - accuracy: 0.1000 - loss: 0.7066
Epoch 34/1000	— <b>0s</b> 46ms/step - accuracy: 0.1000 - loss: 0.706
Epoch 35/1000	- 03 401113/3CEP - acculacy. 0.1000 - 1033. 0.700.
•	<b>— 0s</b> 43ms/step - accuracy: 0.1000 - loss: 0.7064
Epoch 36/1000	
	<b>Os</b> 47ms/step - accuracy: 0.1000 - loss: 0.706
Epoch 37/1000 <b>1/1</b>	— 0c 49ms/ston accumacy: 0 1000 loss: 0 706
Epoch 38/1000	— <b>0s</b> 48ms/step - accuracy: 0.1000 - loss: 0.7063
	<b>— 0s</b> 47ms/step - accuracy: 0.1000 - loss: 0.7060
Epoch 39/1000	·
	<b>— 0s</b> 45ms/step - accuracy: 0.1000 - loss: 0.7059
Epoch 40/1000	<b>— 0s</b> 49ms/step - accuracy: 0.1000 - loss: 0.7058
Epoch 41/1000	— <b>05</b> 49ms/step - accuracy: 0.1000 - 10ss: 0.7058
	— <b>0s</b> 41ms/step - accuracy: 0.1000 - loss: 0.705
Epoch 42/1000	
	<b>— 0s</b> 41ms/step - accuracy: 0.1000 - loss: 0.705
Epoch 43/1000 <b>1/1</b>	<b>— 0s</b> 47ms/step - accuracy: 0.1000 - loss: 0.7054
Epoch 44/1000	— <b>0S</b> 47mS/Step - accuracy: 0.1000 - 10SS: 0.7054
	<b>— 0s</b> 43ms/step - accuracy: 0.1000 - loss: 0.705
Epoch 45/1000	
	<b>— 0s</b> 47ms/step - accuracy: 0.2000 - loss: 0.7052
Epoch 46/1000 <b>1/1</b>	<b>— 0s</b> 44ms/step - accuracy: 0.2000 - loss: 0.7051
Epoch 47/1000	03 441113/31Ep - accuracy. 0.2000 - 1033. 0.703.
	<b>— 0s</b> 38ms/step - accuracy: 0.2000 - loss: 0.7050
Epoch 48/1000	
<b>1/1</b> ———————————————————————————————————	— <b>0s</b> 42ms/step - accuracy: 0.2000 - loss: 0.7048
•	<b>— 0s</b> 40ms/step - accuracy: 0.3000 - loss: 0.704
Epoch 50/1000	
	<b>— 0s</b> 38ms/step - accuracy: 0.4000 - loss: 0.7046
Epoch 51/1000	0- 45 ( 0.704)
<b>1/1</b> ———————————————————————————————————	— <b>0s</b> 45ms/step - accuracy: 0.4000 - loss: 0.704
	<b>— 0s</b> 39ms/step - accuracy: 0.4000 - loss: 0.704
Epoch 53/1000	
	<b>— 0s</b> 46ms/step - accuracy: 0.4000 - loss: 0.7043
Epoch 54/1000	<b>— 0s</b> 49ms/step - accuracy: 0.4000 - loss: 0.7042
Epoch 55/1000	— <b>0S</b> 49mS/Step - accuracy: 0.4000 - 10SS: 0.704.
-	<b>— 0s</b> 47ms/step - accuracy: 0.4000 - loss: 0.7040
Epoch 56/1000	
	<b>— 0s</b> 47ms/step - accuracy: 0.4000 - loss: 0.7039
Epoch 57/1000 <b>1/1</b>	— <b>0s</b> 50ms/step - accuracy: 0.4000 - loss: 0.703
Epoch 58/1000	03 Julis/ Step - acculacy. 0.4000 - 1055. 0.7056
•	— <b>0s</b> 42ms/step - accuracy: 0.4000 - loss: 0.703
Epoch 59/1000	•
1/1	<b>— 0s</b> 47ms/step - accuracy: 0.4000 - loss: 0.7036

Frank (0/1000								
Epoch 60/1000 1/1	0s	41ms/step	_	accuracy:	0.4000	_	loss:	0.7035
Epoch 61/1000								
1/1 ———————————————————————————————————	0s	43ms/step	-	accuracy:	0.4000	-	loss:	0.7034
Epoch 62/1000 1/1	0s	42ms/step	_	accuracv:	0.4000	_	loss:	0.7033
Epoch 63/1000		,						
	0s	44ms/step	-	accuracy:	0.4000	-	loss:	0.7031
Epoch 64/1000 1/1	95	40ms/step	_	accuracy:	0.4000	_	loss:	0.7030
Epoch 65/1000		. сэ, э сер						017050
	0s	47ms/step	-	accuracy:	0.4000	-	loss:	0.7029
Epoch 66/1000 1/1	<b>0</b> s	47ms/sten	_	accuracy:	0.4000	_	loss:	0.7028
Epoch 67/1000								
1/1	0s	40ms/step	-	accuracy:	0.4000	-	loss:	0.7027
Epoch 68/1000 1/1	<b>0</b> s	54ms/step	_	accuracy:	0.4000	_	loss:	0.7026
Epoch 69/1000		JJ, J ccp						017020
	0s	45ms/step	-	accuracy:	0.4000	-	loss:	0.7025
Epoch 70/1000 1/1	0s	51ms/step	_	accuracy:	0.4000	_	loss:	0.7024
Epoch 71/1000		·		-				
	0s	47ms/step	-	accuracy:	0.4000	-	loss:	0.7023
Epoch 72/1000 1/1	<b>0</b> s	46ms/sten	_	accuracy:	0.4000	_	loss:	0.7022
Epoch 73/1000		, , , , , , , , ,						
	0s	47ms/step	-	accuracy:	0.4000	-	loss:	0.7021
Epoch 74/1000 1/1	0s	38ms/step	_	accuracy:	0.4000	_	loss:	0.7020
Epoch 75/1000								
1/1	0s	42ms/step	-	accuracy:	0.4000	-	loss:	0.7019
Epoch 76/1000 1/1	0s	39ms/step	_	accuracy:	0.4000	_	loss:	0.7018
Epoch 77/1000								
<b>1/1</b> Epoch 78/1000	0s	80ms/step	-	accuracy:	0.4000	-	loss:	0.7016
1/1	0s	54ms/step	_	accuracy:	0.4000	_	loss:	0.7015
Epoch 79/1000								
1/1 ————————— Epoch 80/1000	0s	50ms/step	-	accuracy:	0.4000	-	loss:	0.7014
1/1	0s	51ms/step	_	accuracy:	0.4000	_	loss:	0.7013
Epoch 81/1000								
1/1 —————————— Epoch 82/1000	0s	48ms/step	-	accuracy:	0.4000	-	loss:	0.7012
1/1	0s	40ms/step	-	accuracy:	0.4000	-	loss:	0.7011
Epoch 83/1000	_							
1/1 ———————————————————————————————————	0s	50ms/step	-	accuracy:	0.4000	-	loss:	0.7010
•	0s	54ms/step	-	accuracy:	0.4000	-	loss:	0.7009
Epoch 85/1000	_							
1/1	0s	59ms/step	-	accuracy:	0.5000	-	loss:	0.7008
1/1	0s	43ms/step	-	accuracy:	0.5000	-	loss:	0.7007
Epoch 87/1000	_	47			0 5000		,	0 7005
1/1 ———————————————————————————————————	ØS	4/ms/step	-	accuracy:	0.5000	-	TOSS:	0./006
-	0s	53ms/step	-	accuracy:	0.5000	-	loss:	0.7005
Epoch 89/1000								

1/1	0s	42ms/step	_	accuracy:	0.5000	_	loss:	0.7004
Epoch 90/1000								
1/1	0s	43ms/step	-	accuracy:	0.5000	-	loss:	0.7003
Epoch 91/1000 1/1	۵c	15ms/stan	_	accupacy:	0 5000	_	1000	0 7002
Epoch 92/1000	03	451113/3CEP	_	accuracy.	0.3000	_	1033.	0.7002
1/1	0s	48ms/step	-	accuracy:	0.5000	_	loss:	0.7001
Epoch 93/1000								
1/1	0s	49ms/step	-	accuracy:	0.5000	-	loss:	0.7000
Epoch 94/1000 1/1	۵c	10ms/stan	_	accuracy:	0 5000	_	1000	0 6000
Epoch 95/1000	03	451113/3cep		accuracy.	0.3000		1033.	0.0000
1/1	0s	50ms/step	-	accuracy:	0.5000	-	loss:	0.6998
Epoch 96/1000								
1/1	0s	47ms/step	-	accuracy:	0.5000	-	loss:	0.6997
Epoch 97/1000 1/1	05	48ms/sten	_	accuracy:	0.5000	_	loss:	0.6996
Epoch 98/1000	0.5	тошэ, эсср		accar acy.	0.3000		1033.	0.0330
1/1	0s	42ms/step	-	accuracy:	0.5000	-	loss:	0.6995
Epoch 99/1000	_							
1/1 ———————————————————————————————————	0s	46ms/step	-	accuracy:	0.5000	-	loss:	0.6994
1/1	0s	43ms/step	_	accuracy:	0.5000	_	loss:	0.6993
Epoch 101/1000								
1/1	0s	44ms/step	-	accuracy:	0.5000	-	loss:	0.6992
Epoch 102/1000 1/1	Q.c.	44ms/step		2661102611	0 5000		1000	0 6001
Epoch 103/1000	03	441115/3CEP	-	accuracy.	0.3000	-	1055.	0.0991
	0s	40ms/step	-	accuracy:	0.5000	-	loss:	0.6990
Epoch 104/1000								
1/1	0s	40ms/step	-	accuracy:	0.5000	-	loss:	0.6989
Epoch 105/1000 1/1	05	48ms/sten	_	accuracy:	0.5000	_	loss:	0.6988
Epoch 106/1000					0.5000			0.0200
1/1	0s	46ms/step	-	accuracy:	0.5000	-	loss:	0.6987
Epoch 107/1000	0 -	40 / 1			0 5000		,	0 6006
1/1 ———————————————————————————————————	ØS	49ms/step	-	accuracy:	0.5000	-	TOSS:	0.6986
-	0s	42ms/step	_	accuracy:	0.5000	_	loss:	0.6985
Epoch 109/1000		·		-				
	0s	46ms/step	-	accuracy:	0.5000	-	loss:	0.6984
Epoch 110/1000 1/1	۵c	44ms/step		accuracy:	0 5000	_	1000	0 6083
Epoch 111/1000	03	441113/3CEP	_	accuracy.	0.3000	_	1033.	0.0983
-	0s	42ms/step	-	accuracy:	0.5000	-	loss:	0.6982
Epoch 112/1000	_						_	
<b>1/1</b> ———————————————————————————————————	0s	50ms/step	-	accuracy:	0.5000	-	loss:	0.6981
1/1	0s	39ms/step	_	accuracv:	0.5000	_	loss:	0.6980
Epoch 114/1000		,		,				
	0s	36ms/step	-	accuracy:	0.5000	-	loss:	0.6979
Epoch 115/1000 1/1	00	1Ems/ston		2001112011	0 5000		1000	0 6079
Epoch 116/1000	05	45ms/step	-	accuracy:	טטטכ.ט	-	1022;	8/60.0
•	0s	43ms/step	-	accuracy:	0.5000	-	loss:	0.6977
Epoch 117/1000		·						
	0s	45ms/step	-	accuracy:	0.5000	-	loss:	0.6976
Epoch 118/1000 1/1	۵c	48ms/step	_	accuracy.	0.5000	_	lossi	0.6975
±/, ±	03	-rom3/3(ep	_	accui acy.	5.5000	_	1033.	0.00/3

Epoch 119/1000				
•	s 58ms/step	o - accuracy:	0.5000 - loss:	0.6974
Epoch 120/1000			0.5000 ]	0 (070
1/1 ———————————————————————————————————	<b>s</b> 46ms/step	o - accuracy:	0.5000 - loss:	0.6973
•	s 36ms/step	o - accuracy:	0.5000 - loss:	0.6972
Epoch 122/1000 1/1	. /1ms/stan	2664112644	0.5000 loss.	0 (07)
Epoch 123/1000	<b>5</b> 4100/510/	o - accuracy.	0.5000 - loss:	0.09/2
	<b>s</b> 46ms/step	o - accuracy:	0.5000 - loss:	0.6971
Epoch 124/1000 1/1	s 46ms/ster	n - accuracy:	0.5000 - loss:	0.6970
Epoch 125/1000	·	_		
1/1 —————————— Epoch 126/1000	s 44ms/step	o - accuracy:	0.5000 - loss:	0.6969
1/1	s 43ms/step	o - accuracy:	0.5000 - loss:	0.6968
Epoch 127/1000				
1/1 ———————————————————————————————————	<b>s</b> 49ms/step	o - accuracy:	0.5000 - loss:	0.6967
•	s 37ms/step	o - accuracy:	0.5000 - loss:	0.6966
Epoch 129/1000 1/1 ———————————————————————————————————	s 15ms/stor	2001112011	0.5000 - loss:	0 6065
Epoch 130/1000	<b>3</b> 451113/3Cep	o - accuracy.	0.3000 - 1033.	0.0903
	<b>s</b> 45ms/step	o - accuracy:	0.5000 - loss:	0.6964
Epoch 131/1000 1/1 ———————————————————————————————————	s 46ms/ster	o - accuracy:	0.5000 - loss:	0.6963
Epoch 132/1000	·	_		
1/1 —————————— Epoch 133/1000	s 78ms/step	o - accuracy:	0.5000 - loss:	0.6962
1/1	s 51ms/step	o - accuracy:	0.5000 - loss:	0.6961
Epoch 134/1000 1/1	12ms/stan	2664192644	0 5000 loss.	0 6060
Epoch 135/1000	• 42ms/step	o - accuracy.	0.3000 - 1033.	0.0500
	<b>s</b> 51ms/step	o - accuracy:	0.5000 - loss:	0.6959
Epoch 136/1000 1/1	s 38ms/ster	o - accuracy:	0.5000 - loss:	0.6958
Epoch 137/1000				
1/1 ———————————————————————————————————	s 51ms/step	o - accuracy:	0.5000 - loss:	0.6957
1/1	s 44ms/step	o - accuracy:	0.5000 - loss:	0.6956
Epoch 139/1000 1/1 ———————	s 38ms/star	o - accuracy:	0.5000 - loss:	a 6955
Epoch 140/1000	<b>3</b> 301113/300p	decaracy.	0.3000 1033.	0.0555
1/1 —————————— Epoch 141/1000	s 45ms/step	o - accuracy:	0.5000 - loss:	0.6954
•	s 41ms/step	o - accuracy:	0.5000 - loss:	0.6953
Epoch 142/1000 1/1 ———————————————————————————————————	- 45 / - t		0.5000 1	0.6053
Epoch 143/1000	s 45ms/step	o - accuracy:	0.5000 - loss:	0.6953
	s 42ms/step	o - accuracy:	0.5000 - loss:	0.6952
Epoch 144/1000 1/1 ———————————————————————————————————	s 44ms/ster	o - accuracy:	0.5000 - loss:	0.6951
Epoch 145/1000	·	_		
1/1 ————————— Epoch 146/1000	<b>s</b> 50ms/step	o - accuracy:	0.5000 - loss:	0.6950
1/1	<b>s</b> 45ms/step	o - accuracy:	0.5000 - loss:	0.6949
Epoch 147/1000 1/1	11mc/s+s=	200112000	0 E000 1000	0 6040
Epoch 148/1000	• 41ms/step	o - accuracy:	0.5000 - loss:	v.0948

1/1	0s	46ms/step	_	accuracy:	0.5000	_	loss:	0.6947
Epoch 149/1000								
	0s	46ms/step	-	accuracy:	0.5000	-	loss:	0.6946
Epoch 150/1000 1/1	00	Elms/ston		26611026111	0 5000		1000	0 6045
Epoch 151/1000	05	541115/Step -	_	accuracy.	0.5000	-	1055.	0.0345
1/1	0s	38ms/step	_	accuracy:	0.5000	_	loss:	0.6944
Epoch 152/1000								
1/1	0s	38ms/step	-	accuracy:	0.5000	-	loss:	0.6943
Epoch 153/1000 1/1 ———————————————————————————————————	00	1Cms/ston		2664102644	0 5000		10001	0 (042
Epoch 154/1000	05	46ms/step	-	accuracy:	0.5000	-	1022:	0.0942
	0s	45ms/step	_	accuracy:	0.5000	_	loss:	0.6941
Epoch 155/1000								
	0s	38ms/step	-	accuracy:	0.5000	-	loss:	0.6940
Epoch 156/1000 1/1	ac.	48ms/step		accupacy:	0 5000		1000	0 6020
Epoch 157/1000	63	401113/3Cep .	_	accuracy.	0.3000	-	1055.	0.0333
1/1	0s	54ms/step	-	accuracy:	0.5000	-	loss:	0.6938
Epoch 158/1000								
1/1	0s	52ms/step	-	accuracy:	0.5000	-	loss:	0.6938
Epoch 159/1000 1/1	0s	62ms/sten	_	accuracy:	0 5000	_	1055.	0 6937
Epoch 160/1000								
1/1	0s	37ms/step	-	accuracy:	0.5000	-	loss:	0.6936
Epoch 161/1000	_						_	
1/1 ———————————————————————————————————	0s	44ms/step	-	accuracy:	0.5000	-	loss:	0.6935
	0s	48ms/step	_	accuracv:	0.5000	_	loss:	0.6934
Epoch 163/1000		,						
1/1	0s	49ms/step	-	accuracy:	0.5000	-	loss:	0.6933
Epoch 164/1000 1/1	0-	16ma /atan			0 5000		1	0 (022
Epoch 165/1000	05	46ms/step	-	accuracy:	0.5000	-	1022:	0.0932
-	0s	45ms/step	_	accuracy:	0.5000	-	loss:	0.6931
Epoch 166/1000								
	0s	49ms/step	-	accuracy:	0.5000	-	loss:	0.6930
Epoch 167/1000 1/1	۵s	43ms/step	_	accuracy:	0 5000	_	1055.	0 6929
Epoch 168/1000	03	451113/3ccp		accuracy.	0.3000		1033.	0.0323
-	0s	41ms/step	_	accuracy:	0.5000	-	loss:	0.6928
Epoch 169/1000	_						_	
<b>1/1</b> ———————————————————————————————————	0s	32ms/step	-	accuracy:	0.5000	-	loss:	0.6927
•	0s	38ms/step	_	accuracv:	0.5000	_	loss:	0.6926
Epoch 171/1000								
1/1	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6925
Epoch 172/1000	0-	24/-+			0 5000		1	0.6024
1/1 —————————— Epoch 173/1000	05	34ms/step	-	accuracy:	0.5000	-	1055:	0.6924
-	0s	34ms/step	_	accuracy:	0.5000	_	loss:	0.6923
Epoch 174/1000		·		-				
	0s	33ms/step	-	accuracy:	0.5000	-	loss:	0.6923
Epoch 175/1000 1/1	۵c	35ms/step		accuracy:	0 5000	_	1000	0 6022
Epoch 176/1000	<i>U</i> 3	Jours/acch .		accuracy.	0.5000	_	1033.	J. UJZZ
-	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6921
Epoch 177/1000	_							
1/1	0s	32ms/step -	-	accuracy:	0.5000	-	loss:	0.6920

Frank 170/1000								
Epoch 178/1000 1/1	0s	35ms/step	_	accuracy:	0.5000	_	loss:	0.6919
Epoch 179/1000								
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	0.5000	-	loss:	0.6918
•	0s	34ms/step	-	accuracy:	0.5000	_	loss:	0.6917
Epoch 181/1000	_						_	
1/1	0s	38ms/step	-	accuracy:	0.5000	-	loss:	0.6916
•	0s	33ms/step	-	accuracy:	0.5000	-	loss:	0.6915
Epoch 183/1000	0.0	22ms/s+on		2661102614	0 5000		10001	0 (014
<b>1/1</b> ———————————————————————————————————	05	33111S/Scep	-	accuracy.	0.5000	-	1055.	0.0914
1/1	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6913
Epoch 185/1000 1/1	۵s	34ms/sten	_	accuracy:	0 5000	_	1055.	a 6912
Epoch 186/1000	03	э-низ/ эсер		accar acy.	0.3000		1033.	0.0312
	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6911
Epoch 187/1000 1/1	0s	50ms/step	_	accuracy:	0.5000	_	loss:	0.6910
Epoch 188/1000								
<b>1/1</b> ———————————————————————————————————	0s	37ms/step	-	accuracy:	0.5000	-	loss:	0.6909
	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6908
Epoch 190/1000	0-	10m= /=+==			0 5000		1	0. 6007
<b>1/1</b> ———————————————————————————————————	05	40ms/step	-	accuracy:	0.5000	-	1088:	0.6907
1/1	0s	33ms/step	-	accuracy:	0.5000	-	loss:	0.6906
Epoch 192/1000 1/1	0s	34ms/sten	_	accuracy:	0 5000	_	loss	0 6905
Epoch 193/1000								
1/1	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6905
Epoch 194/1000 1/1	0s	35ms/step	_	accuracy:	0.5000	_	loss:	0.6904
Epoch 195/1000								
<b>1/1</b> ———————————————————————————————————	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6903
1/1	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6902
Epoch 197/1000 1/1	۵c	35ms/stan	_	accuracy:	0 5000	_	1000	a 69a1
Epoch 198/1000	03	35111373CEP	_	accui acy.	0.3000	_	1033.	0.0301
1/1	0s	38ms/step	-	accuracy:	0.5000	-	loss:	0.6900
Epoch 199/1000 1/1	0s	34ms/step	_	accuracy:	0.5000	_	loss:	0.6899
Epoch 200/1000								
1/1	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6898
•	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6897
Epoch 202/1000	0.0	24ms/ston		2661102614	0 5000		10001	0 (00)
1/1	05	34ms/step	-	accuracy:	0.5000	-	1055:	0.0890
1/1	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6895
Epoch 204/1000 1/1	05	34ms/sten	_	accuracy:	0.5000	_	loss:	0.6894
Epoch 205/1000								
1/1 ———————————————————————————————————	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6893
-	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6892
Epoch 207/1000								

1/1	0s	34ms/step	_	accuracy:	0.5000	_	loss:	0.6891
Epoch 208/1000								
1/1	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6890
Epoch 209/1000	_						_	
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	0.5000	-	loss:	0.6889
Epoch 210/1000 1/1	95	36ms/sten	_	accuracy:	0 5000	_	1055.	0 6888
Epoch 211/1000	03	эошэ <i>,</i> эсср		accui acy.	0.3000		1033.	0.0000
1/1	0s	36ms/step	-	accuracy:	0.5000	-	loss:	0.6887
Epoch 212/1000								
	0s	35ms/step	-	accuracy:	0.5000	-	loss:	0.6886
Epoch 213/1000 1/1	95	33ms/step	_	accuracy:	0 5000	_	1055.	0 6885
Epoch 214/1000	05	333, 3 ccp		acca, acy.	0.3000		1033.	0.0003
1/1	0s	34ms/step	-	accuracy:	0.5000	-	loss:	0.6884
Epoch 215/1000							_	
1/1 ———————————————————————————————————	0s	34ms/step	-	accuracy:	0.6000	-	loss:	0.6883
1/1	0s	36ms/step	_	accuracv:	0.6000	_	loss:	0.6882
Epoch 217/1000								
1/1	0s	35ms/step	-	accuracy:	0.6000	-	loss:	0.6881
Epoch 218/1000 1/1	0-	24ma/atan			0 6000		1	0 6000
Epoch 219/1000	05	34ms/step	-	accuracy:	0.6000	-	1055:	0.6880
1/1	0s	34ms/step	_	accuracy:	0.6000	_	loss:	0.6879
Epoch 220/1000								
1/1	0s	35ms/step	-	accuracy:	0.6000	-	loss:	0.6878
Epoch 221/1000 1/1	۵c	54ms/step	_	accuracy.	0 6000	_	1000	0 6877
Epoch 222/1000	03	э <del>ч</del> іііз/ з сер		accuracy.	0.0000		1033.	0.0077
1/1	0s	37ms/step	-	accuracy:	0.6000	-	loss:	0.6876
Epoch 223/1000	_						_	
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	0.6000	-	loss:	0.6875
-	0s	34ms/step	_	accuracv:	0.6000	_	loss:	0.6874
Epoch 225/1000				,				
	0s	34ms/step	-	accuracy:	0.6000	-	loss:	0.6873
Epoch 226/1000 1/1	00	25ms/ston		2661102614	0 (000		10001	0 (07)
Epoch 227/1000	05	35ms/step	-	accuracy:	0.6000	-	1022:	0.00/2
-	0s	34ms/step	_	accuracy:	0.6000	_	loss:	0.6871
Epoch 228/1000								
	0s	38ms/step	-	accuracy:	0.6000	-	loss:	0.6870
Epoch 229/1000 1/1	95	39ms/step	_	accuracy:	0 6000	_	1055.	0 6869
Epoch 230/1000	03	3311137 3 ccp		accar acy.	0.0000		1033.	0.0003
1/1	0s	33ms/step	-	accuracy:	0.6000	-	loss:	0.6868
Epoch 231/1000	0 -	24 / 1			0 6000		,	0.6067
1/1 ———————————————————————————————————	0s	34ms/step	-	accuracy:	0.6000	-	loss:	0.6867
	0s	34ms/step	_	accuracy:	0.6000	_	loss:	0.6866
Epoch 233/1000								
	0s	34ms/step	-	accuracy:	0.7000	-	loss:	0.6865
Epoch 234/1000 1/1	00	36mc/c+05		accunacu	0 7000		10001	0 6964
Epoch 235/1000	05	Joins/ 2 ceh	-	accuracy:	0.7000	-	TO22.	0.0004
-	0s	36ms/step	-	accuracy:	0.7000	-	loss:	0.6863
Epoch 236/1000							_	
1/1	0s	34ms/step	-	accuracy:	0.7000	-	loss:	0.6862

5 L 027/4000								
Epoch 237/1000 1/1 ———————————————————————————————————	0s	37ms/step	_	accuracv:	0.7000	_	loss:	0.6861
Epoch 238/1000		·						
	0s	36ms/step	-	accuracy:	0.7000	-	loss:	0.6860
Epoch 239/1000 1/1 ———————————————————————————————————	05	33ms/step	_	accuracy:	0.7000	_	loss:	0.6858
Epoch 240/1000		555, 5 ccp						0.0000
	0s	35ms/step	-	accuracy:	0.7000	-	loss:	0.6857
Epoch 241/1000 1/1	95	34ms/step	_	accuracy.	a 7000	_	loss	0 6856
Epoch 242/1000		J 13, Эсер		accar acy.	0.7000		1033.	0.0050
1/1	0s	33ms/step	-	accuracy:	0.8000	-	loss:	0.6855
Epoch 243/1000 1/1	05	38ms/sten	_	accuracy:	0.8000	_	loss:	0.6854
Epoch 244/1000								
1/1	0s	35ms/step	-	accuracy:	0.8000	-	loss:	0.6853
Epoch 245/1000 1/1	0s	34ms/step	_	accuracv:	0.8000	_	loss:	0.6852
Epoch 246/1000				-				
	0s	36ms/step	-	accuracy:	0.8000	-	loss:	0.6851
Epoch 247/1000 1/1 ———————————————————————————————————	0s	36ms/step	_	accuracy:	0.8000	_	loss:	0.6850
Epoch 248/1000		·						
	0s	34ms/step	-	accuracy:	0.8000	-	loss:	0.6849
Epoch 249/1000 1/1	0s	37ms/step	_	accuracy:	0.8000	_	loss:	0.6848
Epoch 250/1000				-				
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	0.8000	-	loss:	0.6847
1/1	0s	45ms/step	_	accuracy:	0.8000	_	loss:	0.6846
Epoch 252/1000								
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	0.8000	-	loss:	0.6844
-	0s	36ms/step	-	accuracy:	0.8000	-	loss:	0.6843
Epoch 254/1000	_	22 / 1						0.6040
<b>1/1</b> Epoch 255/1000	0s	33ms/step	-	accuracy:	0.9000	-	loss:	0.6842
1/1	0s	35ms/step	-	accuracy:	0.9000	-	loss:	0.6841
Epoch 256/1000	0-	24ma/atan			0.0000		1	0 6040
1/1 ———————————————————————————————————	05	34ms/step	-	accuracy:	0.9000	-	1055:	0.6840
1/1	0s	34ms/step	-	accuracy:	0.9000	-	loss:	0.6839
Epoch 258/1000 1/1	00	34ms/step		2661102674	0.000		10551	0 6030
Epoch 259/1000	62	541115/Step	-	accuracy.	0.9000	-	1055.	0.0000
	0s	37ms/step	-	accuracy:	0.9000	-	loss:	0.6837
Epoch 260/1000 1/1	۵s	36ms/step	_	accuracy.	a 9aaa	_	1000	0 6836
Epoch 261/1000	03	30m3/3ccp		accuracy.	0.3000		1033.	0.0050
	0s	34ms/step	-	accuracy:	0.9000	-	loss:	0.6834
Epoch 262/1000 1/1	05	34ms/step	_	accuracy:	0.9000	_	loss:	0.6833
Epoch 263/1000		JJ, J CCP			0.12000			0.0000
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	0.9000	-	loss:	0.6832
Epoch 264/1000 1/1	0s	34ms/step	_	accuracv:	0.9000	_	loss:	0.6831
Epoch 265/1000								
	0s	37ms/step	-	accuracy:	0.9000	-	loss:	0.6830
Epoch 266/1000								

1/1	0s	34ms/step	-	accuracy:	0.9000	_	loss:	0.6829
Epoch 267/1000								
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	0.9000	-	loss:	0.6828
Epoch 268/1000 1/1	0s	34ms/step	_	accuracv:	0.9000	_	loss:	0.6826
Epoch 269/1000								
1/1	0s	34ms/step	-	accuracy:	0.9000	-	loss:	0.6825
Epoch 270/1000 1/1	۵c	35mc/cton	_	accuracy:	0 0000	_	1000	0 6824
Epoch 271/1000	03	JJills/Step	_	accui acy.	0.9000	_	1033.	0.0824
	0s	34ms/step	-	accuracy:	0.9000	-	loss:	0.6823
Epoch 272/1000	0 -	25 / 1			0.0000		,	0.6022
1/1 ————————— Epoch 273/1000	05	35ms/step	-	accuracy:	0.9000	-	1055:	0.6822
•	0s	37ms/step	-	accuracy:	0.9000	-	loss:	0.6821
Epoch 274/1000								
1/1 ————————— Epoch 275/1000	0s	34ms/step	-	accuracy:	0.9000	-	loss:	0.6819
1/1	0s	34ms/step	_	accuracy:	0.9000	_	loss:	0.6818
Epoch 276/1000								
1/1 ————————— Epoch 277/1000	0s	36ms/step	-	accuracy:	0.9000	-	loss:	0.6817
1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6816
Epoch 278/1000								
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6815
Epoch 279/1000 1/1 ———————————————————————————————————	0s	55ms/step	_	accuracy:	1.0000	_	loss:	0.6813
Epoch 280/1000								
1/1 ————————— Epoch 281/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6812
1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6811
Epoch 282/1000				_				
1/1 ————————— Epoch 283/1000	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6810
-	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6808
Epoch 284/1000								
1/1 ————————— Epoch 285/1000	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6807
•	0s	34ms/step	-	accuracy:	1.0000	_	loss:	0.6806
Epoch 286/1000								
1/1 ————————— Epoch 287/1000	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6805
-	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6803
Epoch 288/1000				-				
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6802
1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6801
Epoch 290/1000								
1/1 ————————— Epoch 291/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6800
•	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6798
Epoch 292/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6797
Epoch 293/1000 1/1	0s	36ms/step	_	accuracv:	1.0000	_	loss:	0.6796
Epoch 294/1000				-				
	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6795
Epoch 295/1000 1/1	0s	34ms/step	_	accuracv:	1.0000	_	loss:	0.6793
-		-,		·				

Fnoch 206/1000								
Epoch 296/1000 1/1	0s	36ms/step	_	accuracv:	1.0000	_	loss:	0.6792
Epoch 297/1000								
	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6791
Epoch 298/1000 1/1	۵c	35ms/step	_	accuracy:	1 0000		1000	0 6780
Epoch 299/1000	62	33iiiS/Step	-	accuracy.	1.0000	-	1055.	0.0789
•	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6788
Epoch 300/1000		25 / /			4 0000			0.6707
1/1 —————————— Epoch 301/1000	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6/8/
-	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6785
Epoch 302/1000							_	
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6784
1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6783
Epoch 304/1000				-				
	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6781
Epoch 305/1000 1/1	0s	35ms/step	_	accuracv:	1.0000	_	loss:	0.6780
Epoch 306/1000		-, -, -, -,						
	0s	51ms/step	-	accuracy:	1.0000	-	loss:	0.6779
Epoch 307/1000 1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6777
Epoch 308/1000								
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6776
Epoch 309/1000 1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6775
Epoch 310/1000		•		-				
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6773
-	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6772
Epoch 312/1000								
1/1 ———————————————————————————————————	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6770
•	0s	34ms/step	-	accuracy:	1.0000	_	loss:	0.6769
Epoch 314/1000							_	
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6768
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6766
Epoch 316/1000		22 / /			4 0000			0.4745
1/1 —————————— Epoch 317/1000	0S	33ms/step	-	accuracy:	1.0000	-	loss:	0.6/65
-	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6763
Epoch 318/1000	0-	25/			1 0000		1	0.6763
1/1 ————————— Epoch 319/1000	05	35ms/step	-	accuracy:	1.0000	-	1055:	0.6/62
•	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6760
Epoch 320/1000 1/1	0.0	26ms/ston		2661102614	1 0000		10551	0.6750
Epoch 321/1000	65	36ms/step	-	accuracy:	1.0000	-	1055:	0.6759
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6758
Epoch 322/1000 1/1 ———————————————————————————————————	00	35mc/c+on		accunacy:	1 0000		locci	0 6756
Epoch 323/1000	05	35ms/step	-	accuracy:	1.0000	-	TO22;	0.07.30
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6755
Epoch 324/1000 1/1	۵c	35ms/step	_	accunacy	1 0000	_	1000	0 6753
Epoch 325/1000	03	221113/3CEP	-	accui acy.	1.0000	_	1033.	0.0755

1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6752
Epoch 326/1000								
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6750
Epoch 327/1000 1/1	00	22ms /s+on		26611026144	1 0000		1000	0 6740
Epoch 328/1000	05	331118/3 cep	-	accuracy.	1.0000	-	1055.	0.0749
1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6747
Epoch 329/1000								
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6746
Epoch 330/1000 1/1	00	26ms/stan		26611826144	1 0000		10001	0 6744
Epoch 331/1000	05	36ms/step	-	accuracy:	1.0000	-	1022:	0.6744
	0s	50ms/step	_	accuracy:	1.0000	_	loss:	0.6743
Epoch 332/1000								
	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6741
Epoch 333/1000 1/1	ac.	36ms/step		2661102614	1 0000		1000	0 6740
Epoch 334/1000	62	Joilis/scep	-	accuracy.	1.0000	-	1055.	0.0740
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6738
Epoch 335/1000								
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6736
Epoch 336/1000 1/1	0s	34ms/sten	_	accuracy:	1 0000	_	1055.	0 6735
Epoch 337/1000								
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6733
Epoch 338/1000	_						_	
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6732
	0s	35ms/step	_	accuracv:	1.0000	_	loss:	0.6730
Epoch 340/1000				,				
1/1	0s	33ms/step	-	accuracy:	1.0000	-	loss:	0.6729
Epoch 341/1000 1/1	0-	24==/=+==			1 0000		1	0 (7)7
Epoch 342/1000	05	34111S/Scep	-	accuracy:	1.0000	-	1022:	0.0/2/
•	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6725
Epoch 343/1000								
	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6724
Epoch 344/1000 1/1	۵s	34ms/step	_	accuracy:	1 0000	_	1055.	0 6722
Epoch 345/1000	03	3-m3/3ccp		accuracy.	1.0000		1033.	0.0722
•	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6721
Epoch 346/1000	_						_	
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6719
	0s	36ms/step	_	accuracv:	1.0000	_	loss:	0.6717
Epoch 348/1000				,				
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6716
Epoch 349/1000 1/1	0-	24/-+			1 0000		1	0 6714
Epoch 350/1000	05	34ms/step	-	accuracy:	1.0000	-	1055:	0.6/14
	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6712
Epoch 351/1000								
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6711
Epoch 352/1000 1/1	۵c	37ms/step	_	accuracy	1 0000	_	1000	0 6700
Epoch 353/1000	<i>U</i> 3	27 m3/3 cep	-	accui acy.	1.0000	-	1033.	5.0703
	0s	49ms/step	-	accuracy:	1.0000	-	loss:	0.6707
Epoch 354/1000	_							
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6705

Epoch 355/1000								
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6704
Epoch 356/1000 1/1 ———————————————————————————————————	0s	40ms/step	_	accuracy:	1 0000	_	loss	0 6702
Epoch 357/1000								
1/1 —————————— Epoch 358/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6700
-	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6699
Epoch 359/1000 1/1 ———————————————————————————————————	۵s	34ms/step	_	accuracy:	1 0000	_	1055.	0 6697
Epoch 360/1000								
1/1 —————————— Epoch 361/1000	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6695
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6693
Epoch 362/1000 1/1	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.6692
Epoch 363/1000								
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6690
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6688
Epoch 365/1000 1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6686
Epoch 366/1000								
1/1 —————————— Epoch 367/1000	05	34ms/step	-	accuracy:	1.0000	-	1055:	0.6684
1/1 —————————— Epoch 368/1000	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6682
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6681
Epoch 369/1000 1/1	۵c	35ms/sten		accupacy:	1 0000		1055	0 6679
Epoch 370/1000								
1/1 ———————————————————————————————————	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6677
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6675
Epoch 372/1000 1/1 ———————————————————————————————————	<b>0</b> s	36ms/sten	_	accuracy:	1.0000	_	loss:	0.6673
Epoch 373/1000								
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6671
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6669
Epoch 375/1000 1/1	0s	50ms/step	_	accuracy:	1.0000	_	loss:	0.6668
Epoch 376/1000 1/1								
Epoch 377/1000								
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6664
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6662
Epoch 379/1000 1/1	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.6660
Epoch 380/1000								
<b>1/1</b> ———————————————————————————————————	05	35ms/step	-	accuracy:	1.0000	-	1055:	0.6658
1/1 —————————— Epoch 382/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6656
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6654
Epoch 383/1000 1/1	0s	35ms/sten	_	accuracv:	1.0000	_	loss:	0.6652
Epoch 384/1000		-, 3 p						

1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6650
Epoch 385/1000								
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6648
Epoch 386/1000 1/1	0s	39ms/step	_	accuracv:	1.0000	_	loss:	0.6646
Epoch 387/1000								
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6644
Epoch 388/1000 1/1	۵s	36ms/sten	_	accuracy:	1 0000	_	1055.	0 6642
Epoch 389/1000	03	J011137 3 ССР		accuracy.	1.0000		1033.	0.0042
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6640
Epoch 390/1000 1/1	00	26ms/stan		2661102614	1 0000		10001	0 ((20
Epoch 391/1000	05	36ms/step	-	accuracy:	1.0000	-	1022:	0.0038
•	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6636
Epoch 392/1000	_							
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6634
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6632
Epoch 394/1000	_							
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6630
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6627
Epoch 396/1000		/ /			4 0000			0.6605
1/1 ———————————————————————————————————	0S	55ms/step	-	accuracy:	1.0000	-	loss:	0.6625
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6623
Epoch 398/1000								
1/1 ————————— Epoch 399/1000	05	36ms/step	-	accuracy:	1.0000	-	1055:	0.6621
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6619
Epoch 400/1000	0-	25/-+			1 0000		1	0 6617
1/1 ———————————————————————————————————	05	35ms/step	-	accuracy:	1.0000	-	1055:	0.6617
-	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6615
Epoch 402/1000 1/1	0-	24== /=+==			1 0000		1	0 ((1)
Epoch 403/1000	05	34ms/step	-	accuracy:	1.0000	-	1022:	0.0012
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6610
Epoch 404/1000 1/1	0.0	26ms/stan		2661102614	1 0000		10001	0 6600
Epoch 405/1000	62	36ms/step	-	accuracy.	1.0000	-	1055.	0.0008
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6606
Epoch 406/1000 1/1	Q.c	36ms/step		26611112611	1 0000		10551	0 6601
Epoch 407/1000	03	Joilis/ Scep	_	accuracy.	1.0000	_	1033.	0.0004
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6601
Epoch 408/1000 1/1	Q.c	25ms/ston		26611112611	1 0000		10551	0 6500
Epoch 409/1000	62	331118/Steb	-	accuracy.	1.0000	-	1055.	0.0399
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6597
Epoch 410/1000 1/1	Q.c	36ms/step		26611112611	1 0000		10551	0 6505
Epoch 411/1000	05	Joins/ 2 reb	-	accuracy:	1.0000	-	1022.	כבנטיס
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6592
Epoch 412/1000 1/1 ———————————————————————————————————	۵c	35ms/step	_	accuracy:	1 0000	_	1000	0 6500
Epoch 413/1000	03	عاد /دسدر	_	accui acy.	1.0000	_	1033.	שבנטיים
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6588

Fno.ch 414/1000								
Epoch 414/1000 1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6585
Epoch 415/1000		·						
1/1 ————————— Epoch 416/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6583
•	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6581
Epoch 417/1000	_				4 0000			0 4570
1/1 ———————————————————————————————————	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.65/8
•	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.6576
Epoch 419/1000 1/1 ———————————————————————————————————	. Oc	35ms/step		accupacy:	1 0000		1000	0 6574
Epoch 420/1000	03	33iiis/step	-	accuracy.	1.0000	-	1055.	0.0374
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6571
Epoch 421/1000 1/1	05	34ms/sten	_	accuracy:	1.0000	_	loss:	0.6569
Epoch 422/1000	03	<b>У</b> -ш <b>у</b> у сер		accar acy.	1.0000		1033.	0.0505
	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6566
Epoch 423/1000 1/1 ———————————————————————————————————	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6564
Epoch 424/1000								
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6561
-	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.6559
Epoch 426/1000	0-	25/-+			1 0000		1	0 6557
1/1 ———————————————————————————————————	05	35ms/step	-	accuracy:	1.0000	-	1088:	0.6557
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6554
Epoch 428/1000 1/1	0s	36ms/sten	_	accuracy:	1 0000	_	loss	0 6552
Epoch 429/1000								
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6549
Epoch 430/1000 1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6546
Epoch 431/1000								
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6544
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6541
Epoch 433/1000 1/1	۵c	36ms/stan	_	accuracy:	1 0000	_	1000	0 6539
Epoch 434/1000	03	301113/3CEP	_	accui acy.	1.0000	_	1033.	0.0555
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6536
Epoch 435/1000 1/1 ———————————————————————————————————	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6534
Epoch 436/1000								
1/1 ———————————————————————————————————	0s	33ms/step	-	accuracy:	1.0000	-	loss:	0.6531
-	0s	48ms/step	-	accuracy:	1.0000	-	loss:	0.6528
Epoch 438/1000	0.0	20ms /ston		2661102614	1 0000		10001	0 (5)(
1/1 ———————————————————————————————————	05	39ms/step	-	accuracy:	1.0000	-	1088:	0.6526
	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6523
Epoch 440/1000 1/1	Ac	37ms/sten	_	accuracy:	1.0000	_	loss	0.6520
Epoch 441/1000								
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6518
•	0s	36ms/step	_	accuracy:	1.0000	-	loss:	0.6515
Epoch 443/1000				-				

1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6512
Epoch 444/1000								
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6510
Epoch 445/1000 1/1	00	26ms/s+on		2661182614	1 0000		10551	0 6507
Epoch 446/1000	05	ooms/step	-	accuracy.	1.0000	-	1055.	0.0307
1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6504
Epoch 447/1000								
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6501
Epoch 448/1000 1/1	00	25ms/stan		2661182614	1 0000		10001	0 (400
Epoch 449/1000	05	35ms/step	-	accuracy:	1.0000	-	1022:	0.0499
	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.6496
Epoch 450/1000								
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6493
Epoch 451/1000 1/1	ac.	26ms/ston		2001112011	1 0000		1000	0 6400
Epoch 452/1000	62	301113/3 Cep	-	accuracy.	1.0000	-	1055.	0.0490
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6487
Epoch 453/1000								
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6485
Epoch 454/1000 1/1	95	35ms/sten	_	accuracy:	1.0000	_	loss:	0.6482
Epoch 455/1000								
1/1	0s	50ms/step	-	accuracy:	1.0000	-	loss:	0.6479
Epoch 456/1000	_						_	
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6476
	0s	35ms/step	_	accuracv:	1.0000	_	loss:	0.6473
Epoch 458/1000		ото, отор						
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6470
Epoch 459/1000 1/1	0-	26			1 0000		1	0 6467
Epoch 460/1000	65	36mS/Step	-	accuracy:	1.0000	-	1055:	0.6467
-	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6464
Epoch 461/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6461
Epoch 462/1000 1/1 ———————————————————————————————————	۵s	38ms/step	_	accuracy:	1 0000	_	1055.	0 6458
Epoch 463/1000	03	3011137 3 CCP		accuracy.	1.0000		1033.	0.0430
-	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6455
Epoch 464/1000	_						_	
<b>1/1</b> Epoch 465/1000	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6452
-	0s	36ms/step	_	accuracv:	1.0000	_	loss:	0.6449
Epoch 466/1000		•		-				
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6446
Epoch 467/1000	0-	27/-+			1 0000		1	0 6443
1/1 ————————— Epoch 468/1000	05	3/ms/step	-	accuracy:	1.0000	-	1055:	0.6443
•	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6440
Epoch 469/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6437
Epoch 470/1000 1/1	۵c	34ms/step	_	accuracy.	1 0000	_	1055.	0 6434
Epoch 471/1000	<i>U</i> 3	л <del>-</del> шэ/ э сер	-	accui acy.	1.0000	_	1033.	0.0434
-	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6431
Epoch 472/1000	_							
1/1	0s	55ms/step	-	accuracy:	1.0000	-	loss:	0.6428

Frank 473/1000								
Epoch 473/1000 1/1	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.6425
Epoch 474/1000		, , , , , , , , , , , , , , , , , , ,						
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6421
Epoch 475/1000 1/1	00	2Emc/c+on		2661102611	1 0000		1000	0 6/10
Epoch 476/1000	05	35ms/step	-	accuracy.	1.0000	-	1055.	0.0416
-	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6415
Epoch 477/1000								
	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.6412
Epoch 478/1000 1/1	95	36ms/sten	_	accuracy:	1.0000	_	loss:	0.6409
Epoch 479/1000		JoJ, J CCP			_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0.0.02
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6405
Epoch 480/1000	0-	25/-+			1 0000		1	0 (402
1/1 ———————————————————————————————————	05	35ms/step	-	accuracy:	1.0000	-	1055:	0.6402
•	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6399
Epoch 482/1000								
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6395
Epoch 483/1000 1/1	95	36ms/step	_	accuracy:	1.0000	_	loss:	0.6392
Epoch 484/1000	05	303, 3 сер		accar acy.	2.0000		1033.	0.0332
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6389
Epoch 485/1000 1/1	00	25ms/ston		2664122644	1 0000		10001	0 (205
Epoch 486/1000	05	35ms/step	-	accuracy.	1.0000	-	1055.	0.0363
-	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6382
Epoch 487/1000	_						_	
<b>1/1</b> ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6379
1/1	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.6375
Epoch 489/1000								
1/1	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.6372
1/1 ———————————————————————————————————	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6369
Epoch 491/1000				, , , , ,				
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6365
Epoch 492/1000 1/1	۵c	35ms/stan	_	accuracy.	1 0000	_	1000	0 6362
Epoch 493/1000	03	33113/3cep		accui acy.	1.0000		1033.	0.0302
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6358
Epoch 494/1000	0 -	25 / 1			4 0000		,	0 6355
1/1 ———————————————————————————————————	05	35ms/step	-	accuracy:	1.0000	-	1055:	0.6355
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.6351
Epoch 496/1000								
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6348
•	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.6344
Epoch 498/1000		·		-				
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6340
Epoch 499/1000 1/1	۵c	35mc/cton	_	accuracy:	1 0000		1000	0 6337
Epoch 500/1000	03	العرد رد االرد	-	accuracy.	1.0000	-	1033.	0.055/
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6333
Epoch 501/1000 1/1	0-	70ms/s+s=		2661175511	1 0000		1000	0 (220
1/1 ———————————————————————————————————	ØS	79ms/step	-	accuracy:	1.0000	-	TOSS:	v.0330
F /								

1/1	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.6326
Epoch 503/1000		·		-				
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6322
Epoch 504/1000	_						_	
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6319
Epoch 505/1000 1/1	۵s	AAms/sten	_	accuracy:	1 0000	_	1055.	0 6315
Epoch 506/1000	03	т-шэ <i>,</i> эсср		accuracy.	1.0000		1033.	0.0313
1/1	0s	47ms/step	-	accuracy:	1.0000	-	loss:	0.6311
Epoch 507/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6308
Epoch 508/1000 1/1	0-	27			1 0000		1	0.6304
Epoch 509/1000	62	37ms/step	-	accuracy:	1.0000	-	1055:	0.0304
•	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.6300
Epoch 510/1000		, ,		,				
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6296
Epoch 511/1000	_						_	
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6293
1/1	05	36ms/sten	_	accuracy:	1.0000	_	loss:	0.6289
Epoch 513/1000				_				
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6285
Epoch 514/1000	_							
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6281
1/1	05	35ms/step	_	accuracy:	1.0000	_	loss:	0.6277
Epoch 516/1000		333, 3 ccp			_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0.02
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6273
Epoch 517/1000	_						_	
1/1 ————————— Epoch 518/1000	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6269
1/1	0s	34ms/step	_	accuracv:	1.0000	_	loss:	0.6265
Epoch 519/1000				,				
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6261
Epoch 520/1000	•	26 / 1			4 0000		,	0 6050
1/1 ———————————————————————————————————	05	36ms/step	-	accuracy:	1.0000	-	1055:	0.6258
•	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6254
Epoch 522/1000		·		-				
	0s	50ms/step	-	accuracy:	1.0000	-	loss:	0.6250
Epoch 523/1000	00	38ms/step		26611826144	1 0000		10001	0 (246
1/1 ———————————————————————————————————	62	Joilis/scep	-	accuracy.	1.0000	_	1055.	0.0240
•	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6241
Epoch 525/1000								
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.6237
Epoch 526/1000 1/1	۵c	36ms/stan	_	accupacy:	1 0000	_	1000	0 6233
Epoch 527/1000	03	Joilis/ Scep	_	accuracy.	1.0000	_	1033.	0.0233
	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.6229
Epoch 528/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6225
Epoch 529/1000 1/1	۵c	37ms/step	_	accuracy	1 0000	_	1000	0 6221
Epoch 530/1000	03	27 m3/3 cep	-	accui acy.	1.0000	-	1033.	0.0221
-	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6217
Epoch 531/1000							_	
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6213

Fnoch F32/1000								
Epoch 532/1000 1/1	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.6208
Epoch 533/1000								
1/1 ————————— Epoch 534/1000	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6204
•	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6200
Epoch 535/1000		·		-				
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6196
Epoch 536/1000 1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6192
Epoch 537/1000		·		-				
1/1	0s	53ms/step	-	accuracy:	1.0000	-	loss:	0.6187
Epoch 538/1000 1/1	0s	37ms/step	_	accuracv:	1.0000	_	loss:	0.6183
Epoch 539/1000								
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6179
Epoch 540/1000 1/1	0s	37ms/step	_	accuracv:	1.0000	_	loss:	0.6174
Epoch 541/1000								
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6170
Epoch 542/1000 1/1	0s	37ms/step	_	accuracv:	1.0000	_	loss:	0.6166
Epoch 543/1000		·		-				
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6161
Epoch 544/1000 1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.6157
Epoch 545/1000		·		-				
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.6152
Epoch 546/1000 1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.6148
Epoch 547/1000								
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6143
Epoch 548/1000 1/1	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.6139
Epoch 549/1000								
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6134
Epoch 550/1000 1/1	0s	45ms/step	_	accuracy:	1.0000	_	loss:	0.6130
Epoch 551/1000								
1/1 ————————— Epoch 552/1000	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6125
1/1	0s	47ms/step	_	accuracy:	1.0000	_	loss:	0.6121
Epoch 553/1000		·		-				
1/1 ————————— Epoch 554/1000	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6116
1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6111
Epoch 555/1000								
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6107
•	0s	42ms/step	_	accuracy:	1.0000	_	loss:	0.6102
Epoch 557/1000		·						
1/1 ———————————————————————————————————	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.6097
1/1	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.6093
Epoch 559/1000								
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6088
-	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.6083
Epoch 561/1000				-				

1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.6078
Epoch 562/1000		·		-				
1/1	0s	63ms/step	-	accuracy:	1.0000	-	loss:	0.6074
Epoch 563/1000								
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.6069
Epoch 564/1000 1/1	۵c	12ms/stan		accupacy:	1 0000	_	1000	0 6061
Epoch 565/1000	03	421113/3CEP	_	accuracy.	1.0000	_	1033.	0.0004
1/1	0s	41ms/step	_	accuracy:	1.0000	_	loss:	0.6059
Epoch 566/1000								
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.6054
Epoch 567/1000							_	
	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.6049
Epoch 568/1000 1/1	۵c	38ms/stan	_	accuracy.	1 0000	_	1000	0 6011
Epoch 569/1000	03	<i>э</i> ош <i>э</i> / э сер		accuracy.	1.0000		1033.	0.0044
1/1	0s	38ms/step	_	accuracy:	1.0000	-	loss:	0.6040
Epoch 570/1000				-				
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.6035
Epoch 571/1000	0 -	27 / 1			4 0000		,	0 (020
1/1 ————————— Epoch 572/1000	ØS	3/ms/step	-	accuracy:	1.0000	-	TOSS:	0.6030
1/1	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.6025
Epoch 573/1000								
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.6020
Epoch 574/1000								
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.6015
Epoch 575/1000 1/1	Q.c	39ms/step		2661102614	1 0000		1000	0 6010
Epoch 576/1000	03	331113/3CEP	_	accuracy.	1.0000	_	1033.	0.0010
1/1	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.6004
Epoch 577/1000								
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5999
Epoch 578/1000 1/1	0-	F2 / - ±			1 0000		1	0 5004
Epoch 579/1000	05	52ms/step	_	accuracy:	1.0000	-	1055:	0.5994
•	0s	35ms/step	_	accuracv:	1.0000	_	loss:	0.5989
Epoch 580/1000		,						
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5984
Epoch 581/1000								
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5979
Epoch 582/1000 1/1	۵s	37ms/step	_	accuracy:	1 0000	_	1055.	0 5974
Epoch 583/1000	03	3711137 3 CCP		accuracy.	1.0000		1033.	0.5574
•	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.5968
Epoch 584/1000								
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5963
Epoch 585/1000 1/1	0-	41			1 0000		1	0 5050
Epoch 586/1000	05	41ms/step	_	accuracy:	1.0000	-	1055:	0.5958
	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.5952
Epoch 587/1000		, ,		,				
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5947
Epoch 588/1000	_							
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5942
Epoch 589/1000 1/1	۵c	37ms/stan	_	accuracy.	1.0000	_	1055.	0.5937
Epoch 590/1000	03	57 m3/3 cep	-	accui acy.	1.0000		1033.	3.3331
•	0s	52ms/step	-	accuracy:	1.0000	-	loss:	0.5931
		•		-				

Epoch 591/1000 1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.5926
Epoch 592/1000		·		-				
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5920
-	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.5915
Epoch 594/1000				-				
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5909
-	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5904
Epoch 596/1000	0-	20ma /atan			1 0000		1	0 5000
<b>1/1</b> ———————————————————————————————————	05	38ms/step	-	accuracy:	1.0000	-	1055:	0.5696
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5893
Epoch 598/1000 1/1	05	37ms/sten	_	accuracy:	1.0000	_	loss:	0.5887
Epoch 599/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5882
Epoch 600/1000 1/1	0s	38ms/step	-	accuracy:	1.0000	_	loss:	0.5876
Epoch 601/1000								
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5871
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5865
Epoch 603/1000 1/1	Qc.	38ms/stan		accuracy:	1 0000	_	1000	0 5850
Epoch 604/1000	03	30113/3cep		accuracy.	1.0000		1033.	0.5055
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5854
Epoch 605/1000 1/1	0s	35ms/step	_	accuracy:	1.0000	_	loss:	0.5848
Epoch 606/1000								
1/1 ———————————————————————————————————	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5842
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5837
Epoch 608/1000 1/1	O.C.	20ms/ston		2661102671	1 0000		10551	A E021
Epoch 609/1000	05	30IIIS/Step	-	accuracy.	1.0000	-	1055.	0.3031
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5825
Epoch 610/1000 1/1	0s	35ms/step	_	accuracv:	1.0000	_	loss:	0.5819
Epoch 611/1000				-				
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5813
•	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5808
Epoch 613/1000 1/1	00	27ms/s+on		2661102614	1 0000		10001	0 5000
Epoch 614/1000	05	37ms/step	-	accuracy:	1.0000	-	1055:	0.5802
	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5796
Epoch 615/1000 1/1	0s	40ms/step	_	accuracv:	1.0000	_	loss:	0.5790
Epoch 616/1000				-				
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5784
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5778
Epoch 618/1000 1/1	0-	27ms/s+a=		2001102011	1 0000		10551	0 5772
Epoch 619/1000	<b>U</b> S	3/ms/step	-	accuracy:	1.0000	-	TOSS:	0.5//2
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5766
Epoch 620/1000								

1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5760
Epoch 621/1000	0-	20/-+			1 0000		1	0 5754
1/1 ———————————————————————————————————	05	38ms/step	-	accuracy:	1.0000	-	1055:	0.5754
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5748
Epoch 623/1000 1/1	۵c	13ms/stan		accuracy:	1 0000	_	1000	0 5742
Epoch 624/1000								
1/1	0s	50ms/step	-	accuracy:	1.0000	-	loss:	0.5736
Epoch 625/1000 1/1	0s	53ms/step	_	accuracy:	1.0000	_	loss:	0.5730
Epoch 626/1000								
1/1 ———————————————————————————————————	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5724
•	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.5717
Epoch 628/1000 1/1	0-	40ms /ston			1 0000		1	0 5711
Epoch 629/1000	05	40ms/step	-	accuracy:	1.0000	-	1055:	0.5/11
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5705
Epoch 630/1000 1/1 ———————————————————————————————————	<b>0</b> s	38ms/step	_	accuracy:	1.0000	_	loss:	0.5699
Epoch 631/1000				_				
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5693
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5686
Epoch 633/1000 1/1	0-	41			1 0000		1	0 5600
Epoch 634/1000	05	41ms/step	-	accuracy.	1.0000	-	1055.	0.5000
	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5674
Epoch 635/1000 1/1 ———————————————————————————————————	0s	42ms/step	_	accuracy:	1.0000	_	loss:	0.5667
Epoch 636/1000		·		-				
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5661
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5655
Epoch 638/1000 1/1 ———————————————————————————————————	95	40ms/step	_	accuracy:	1 0000	_	loss	0 5648
Epoch 639/1000								
1/1 ———————————————————————————————————	0s	55ms/step	-	accuracy:	1.0000	-	loss:	0.5642
•	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5635
Epoch 641/1000 1/1	Q.c.	40ms/step		2001112011	1 0000		1055	0 5620
Epoch 642/1000	03	40113/3CEP	_	accui acy.	1.0000	_	1033.	0.3029
	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5623
Epoch 643/1000 1/1	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.5616
Epoch 644/1000								
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5610
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5603
Epoch 646/1000 1/1 ———————————————————————————————————	05	40ms/step	_	accuracy.	1.0000	_	loss:	0.5596
Epoch 647/1000								
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5590
-	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5583
Epoch 649/1000	G-c	17ms /s+==		2001112	1 0000		1000	0 5577
1/1	ØS	47ms/step	-	accuracy:	1.0000	-	TO22:	v.55//

Epoch 650/1000								
•	0s	48ms/step	_	accuracy:	1.0000	_	loss:	0.5570
Epoch 651/1000								
1/1 ————————— Epoch 652/1000	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5563
•	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.5557
Epoch 653/1000		·		-				
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5550
Epoch 654/1000 1/1	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.5543
Epoch 655/1000		·		-				
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5537
Epoch 656/1000 1/1	0s	37ms/step	_	accuracv:	1.0000	_	loss:	0.5530
Epoch 657/1000								
1/1	0s	44ms/step	-	accuracy:	1.0000	-	loss:	0.5523
Epoch 658/1000 1/1	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.5516
Epoch 659/1000								
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5509
Epoch 660/1000 1/1	0s	37ms/step	_	accuracv:	1.0000	_	loss:	0.5503
Epoch 661/1000		·		-				
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5496
Epoch 662/1000 1/1	0s	42ms/step	_	accuracv:	1.0000	_	loss:	0.5489
Epoch 663/1000		·		-				
	0s	50ms/step	-	accuracy:	1.0000	-	loss:	0.5482
Epoch 664/1000 1/1	0s	43ms/step	_	accuracy:	1.0000	_	loss:	0.5475
Epoch 665/1000								
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.5468
	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.5461
Epoch 667/1000								
<b>1/1</b> Epoch 668/1000	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5454
1/1	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.5447
Epoch 669/1000	_							
1/1 ————————— Epoch 670/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5440
-	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5433
Epoch 671/1000		40 / 1			4 0000			0 5404
1/1 ————————— Epoch 672/1000	0S	42ms/step	-	accuracy:	1.0000	-	loss:	0.5426
-	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5419
Epoch 673/1000 1/1	0-	41 mg /g+on			1 0000		1	0 5410
Epoch 674/1000	65	41ms/step	-	accuracy:	1.0000	-	1088:	0.5412
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5405
Epoch 675/1000 1/1	0.0	20ms/ston		2661102614	1 0000		10001	0 5300
Epoch 676/1000	05	38ms/step	-	accuracy.	1.0000	-	1055.	0.5596
1/1	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.5391
Epoch 677/1000 1/1	۵c	/1mc/c+on	_	accunacy	1 0000	_	1055	0 2301
Epoch 678/1000	05	+11112/2reb	-	accuracy:	1.0000	-	TO22;	0.3384
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5376
Epoch 679/1000								

1/1	0s	41ms/step	_	accuracy:	1.0000	_	loss:	0.5369
Epoch 680/1000								
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5362
Epoch 681/1000 1/1	00	26ms/s+on		2661102614	1 0000		1000	0 5355
Epoch 682/1000	05	ooms/scep	_	accuracy.	1.0000	-	1055.	0.5555
1/1	0s	36ms/step	_	accuracy:	1.0000	_	loss:	0.5348
Epoch 683/1000								
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5340
Epoch 684/1000 1/1	00	26ms/stan		26611026144	1 0000		10001	0 5222
Epoch 685/1000	05	36ms/step	-	accuracy:	1.0000	-	1022:	0.5555
	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.5326
Epoch 686/1000								
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5318
Epoch 687/1000 1/1	ac.	10ms/ston		2661102611	1 0000		1000	0 5211
Epoch 688/1000	03	401113/3CEP	_	accuracy.	1.0000	-	1055.	0.3311
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5304
Epoch 689/1000								
1/1	0s	50ms/step	-	accuracy:	1.0000	-	loss:	0.5296
Epoch 690/1000 1/1	95	40ms/sten	_	accuracy:	1 0000	_	1055.	0 5289
Epoch 691/1000								
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5282
Epoch 692/1000	_						_	
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5274
	0s	40ms/step	_	accuracv:	1.0000	_	loss:	0.5267
Epoch 694/1000				,				
1/1	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.5259
Epoch 695/1000 1/1	0-	20ms /stan			1 0000		1	0 5252
Epoch 696/1000	05	38ms/scep	-	accuracy:	1.0000	-	1022:	0.5252
•	0s	41ms/step	_	accuracy:	1.0000	-	loss:	0.5244
Epoch 697/1000								
	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5237
Epoch 698/1000 1/1	۵c	39ms/step	_	accuracy:	1 0000	_	1000	0 5229
Epoch 699/1000	03	3511137 3 CCP		accar acy.	1.0000		1033.	0.3223
•	0s	49ms/step	-	accuracy:	1.0000	-	loss:	0.5222
Epoch 700/1000	_						_	
<b>1/1</b> Epoch 701/1000	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.5214
	0s	39ms/step	_	accuracv:	1.0000	_	loss:	0.5207
Epoch 702/1000								
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5199
Epoch 703/1000 1/1	0-	42			1 0000		1	0 5100
Epoch 704/1000	05	43ms/step	-	accuracy:	1.0000	-	1055:	0.5192
	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.5184
Epoch 705/1000								
	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5176
Epoch 706/1000 1/1	۵c	37ms/step	_	accuracy	1 0000	_	1000	0 5160
Epoch 707/1000	03	27 m3/3 cep	_	accuracy.	1.0000	-	1033.	0.9109
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5161
Epoch 708/1000	_							
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5153

Epoch 709/1000								
-	0s	56ms/step	_	accuracy:	1.0000	_	loss:	0.5146
Epoch 710/1000								
1/1 ————————— Epoch 711/1000	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5138
•	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.5130
Epoch 712/1000		20 / /			4 0000			0 5400
1/1 ———————————————————————————————————	0S	39ms/step	-	accuracy:	1.0000	-	loss:	0.5123
-	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.5115
Epoch 714/1000 1/1	Q.c	11ms/ston		accupacy:	1 0000		1000	0 5107
Epoch 715/1000	03	441113/3CEP	-	accuracy.	1.0000	-	1055.	0.3107
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.5099
Epoch 716/1000 1/1	۵s	40ms/sten	_	accuracy:	1 0000	_	1055.	0 5092
Epoch 717/1000	05	-тошэ/ э сер		accar acy.	1.0000		1033.	0.3032
	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.5084
Epoch 718/1000 1/1	0s	48ms/step	_	accuracy:	1.0000	_	loss:	0.5076
Epoch 719/1000								
1/1 —————————— Epoch 720/1000	0s	46ms/step	-	accuracy:	1.0000	-	loss:	0.5068
	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.5060
Epoch 721/1000	0 -	20 / 1			1 0000		,	0 5050
1/1 ———————————————————————————————————	05	38ms/step	-	accuracy:	1.0000	-	1055:	0.5052
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.5045
Epoch 723/1000 1/1	۵c	38ms/stan		accuracy:	1 0000	_	1000	0 5037
Epoch 724/1000								
1/1	0s	44ms/step	-	accuracy:	1.0000	-	loss:	0.5029
Epoch 725/1000 1/1	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.5021
Epoch 726/1000								
1/1 ———————————————————————————————————	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.5013
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.5005
Epoch 728/1000 1/1 ———————	0-	40m= /=+==			1 0000		1	0 4007
Epoch 729/1000	05	40ms/step	-	accuracy:	1.0000	-	1088:	0.4997
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4989
Epoch 730/1000 1/1	95	50ms/step	_	accuracy:	1.0000	_	loss:	0.4981
Epoch 731/1000								
1/1 ———————————————————————————————————	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.4973
•	0s	40ms/step	-	accuracy:	1.0000	_	loss:	0.4965
Epoch 733/1000								
<b>1/1</b> ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4957
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4949
Epoch 735/1000 1/1 ———————	00	30ms/s+05		accuracy.	1 0000		loss	0 1011
Epoch 736/1000								
1/1	0s	83ms/step	-	accuracy:	1.0000	-	loss:	0.4933
Epoch 737/1000 1/1	0s	40ms/step	_	accuracv:	1.0000	_	loss:	0.4925
Epoch 738/1000		-, y p						_2

1/1	0s	42ms/step	_	accuracy:	1.0000	_	loss:	0.4917
Epoch 739/1000		·		-				
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.4909
Epoch 740/1000 1/1	Q.c	11ms/ston		accunacy:	1 0000		1000	0 4001
Epoch 741/1000	62	441113/3CEP	-	accuracy.	1.0000	-	1055.	0.4901
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4893
Epoch 742/1000								
1/1	0s	52ms/step	-	accuracy:	1.0000	-	loss:	0.4885
Epoch 743/1000 1/1	۵s	42ms/step	_	accuracy:	1 0000	_	1055.	0 4877
Epoch 744/1000	03	42113/3CCP		accuracy.	1.0000		1033.	0.40//
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4869
Epoch 745/1000	_							
1/1 —————————— Epoch 746/1000	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4861
	0s	34ms/step	_	accuracv:	1.0000	_	loss:	0.4852
Epoch 747/1000		,		, , , , ,				
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.4844
Epoch 748/1000 1/1	۵c	36ms/stan	_	accuracy:	1 0000		1000	0 1836
Epoch 749/1000	03	J01113/3CEP		accuracy.	1.0000		1033.	0.4030
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.4828
Epoch 750/1000	0 -	27 / 1			1 0000		,	0 4000
1/1 ———————————————————————————————————	05	3/ms/step	-	accuracy:	1.0000	-	1055:	0.4820
1/1	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.4812
Epoch 752/1000								
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4804
1/1	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.4795
Epoch 754/1000				_				
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4787
Epoch 755/1000 1/1	95	39ms/step	_	accuracy:	1.0000	_	loss:	0.4779
Epoch 756/1000		555, 5 CCP		acca. acy t	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			•••
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4771
Epoch 757/1000 1/1	00	36ms/step		2661102611	1 0000		10551	0 4762
Epoch 758/1000	62	Joilis/Step	-	accuracy.	1.0000	-	1055.	0.4703
-	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4754
Epoch 759/1000	_							
<b>1/1</b> ———————————————————————————————————	0s	49ms/step	-	accuracy:	1.0000	-	loss:	0.4/46
	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.4738
Epoch 761/1000								
1/1 ———————————————————————————————————	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.4730
Epoch 762/1000 1/1	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.4721
Epoch 763/1000								
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4713
Epoch 764/1000 1/1	9s	38ms/step	_	accuracy:	1 0000	_	1055.	0 4705
Epoch 765/1000	03	30m3/3ccp		accar acy.	1.0000		1033.	0.4703
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4696
Epoch 766/1000 1/1	0-	10mc/s+==		2001102	1 0000		1000	0 4600
Epoch 767/1000	05	40ms/step	-	accuracy:	T.0000	-	1022;	v.4088
•	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4680

Epoch 768/1000								
•	0s	44ms/step	_	accuracy:	1.0000	_	loss:	0.4672
Epoch 769/1000	_	,						
1/1 ————————— Epoch 770/1000	0s	51ms/step	-	accuracy:	1.0000	-	loss:	0.4663
•	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4655
Epoch 771/1000 1/1	00	49ms/step		2661102614	1 0000		10001	0 1617
Epoch 772/1000	05	49111S/Step	-	accuracy.	1.0000	-	1055.	0.4047
	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.4638
Epoch 773/1000 1/1 ———————————————————————————————————	95	37ms/step	_	accuracy:	1.0000	_	loss:	0.4630
Epoch 774/1000		·		-				
1/1 ————————— Epoch 775/1000	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.4622
	0s	41ms/step	_	accuracy:	1.0000	-	loss:	0.4613
Epoch 776/1000								
1/1 ———————————————————————————————————	ØS	38ms/step	-	accuracy:	1.0000	-	loss:	0.4605
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4597
Epoch 778/1000 1/1	۵s	42ms/step	_	accuracy:	1 0000	_	1055.	0 4588
Epoch 779/1000	03	42113/ 3 CCP		accuracy.	1.0000		1033.	0.4500
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4580
Epoch 780/1000 1/1	0s	54ms/step	_	accuracy:	1.0000	_	loss:	0.4572
Epoch 781/1000	_						_	
1/1 ————————— Epoch 782/1000	0s	48ms/step	-	accuracy:	1.0000	-	loss:	0.4563
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4555
Epoch 783/1000 1/1 ———————————————————————————————————	Q.c.	41ms/step		accupacy:	1 0000		1055	0 1517
Epoch 784/1000	03	411113/3CEP	_	accui acy.	1.0000	_	1033.	0.4347
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4538
Epoch 785/1000 1/1	0s	42ms/step	_	accuracy:	1.0000	_	loss:	0.4530
Epoch 786/1000								
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4522
1/1	0s	34ms/step	-	accuracy:	1.0000	-	loss:	0.4513
Epoch 788/1000 1/1	۵s	39ms/step	_	accuracy:	1 0000	_	1055.	0 4505
Epoch 789/1000	03	3311137 3 ccp		accar acy.	1.0000		1033.	0.4505
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4496
•	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4488
Epoch 791/1000 1/1	0-	20ma /atan			1 0000		1	0 4400
Epoch 792/1000	05	38ms/step	-	accuracy:	1.0000	-	1088:	0.4480
	0s	55ms/step	-	accuracy:	1.0000	-	loss:	0.4471
Epoch 793/1000 1/1 ———————————————————————————————————	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.4463
Epoch 794/1000		·		-				
1/1 —————————— Epoch 795/1000	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4455
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4446
Epoch 796/1000 1/1	۵c	40ms/step	_	accunacy	1 0000	_	10551	0 1120
Epoch 797/1000	03	-+01113/3 LEP	-	accui acy.	1.0000	-	1032.	0.4430

1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.4429
Epoch 798/1000		, ,		,				
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4421
Epoch 799/1000	_						_	
1/1 ———————————————————————————————————	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4413
Epoch 800/1000 1/1	۵s	A1ms/sten	_	accuracy:	1 0000	_	1055.	0 4404
Epoch 801/1000	03	4±1113/300p		accuracy.	1.0000		1033.	0.4404
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4396
Epoch 802/1000								
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.4388
Epoch 803/1000 1/1	95	41ms/step	_	accuracy:	1 0000	_	1055.	0 4379
Epoch 804/1000	0.5	. 23, 3 сер		accar acy.	1.0000		1033.	0.1373
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4371
Epoch 805/1000								
1/1 ———————————————————————————————————	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4362
1/1	<b>0</b> s	51ms/sten	_	accuracy:	1.0000	_	loss:	0.4354
Epoch 807/1000								
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4346
Epoch 808/1000	0-	27 / - +			1 0000		1	0 4227
1/1 ———————————————————————————————————	05	3/ms/step	-	accuracy:	1.0000	-	1055:	0.4337
1/1	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.4329
Epoch 810/1000								
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4320
Epoch 811/1000 1/1	۵c	38ms/step		accupacy:	1 0000	_	1000	0 /312
Epoch 812/1000	03	30113/3CEP		accuracy.	1.0000		1033.	0.4312
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4304
Epoch 813/1000								
1/1 ————————— Epoch 814/1000	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.4295
-	0s	39ms/step	_	accuracv:	1.0000	_	loss:	0.4287
Epoch 815/1000		эт, этор		,				
	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4279
Epoch 816/1000 1/1	0-	20			1 0000		1	0 4270
Epoch 817/1000	05	39ms/step	-	accuracy:	1.0000	-	1055:	0.4270
-	0s	47ms/step	_	accuracy:	1.0000	_	loss:	0.4262
Epoch 818/1000				-				
	0s	47ms/step	-	accuracy:	1.0000	-	loss:	0.4253
Epoch 819/1000 1/1 ———————————————————————————————————	۵c	39ms/step	_	accuracy:	1 0000	_	1000	0 1215
Epoch 820/1000	03	3511137 3 CEP		accuracy.	1.0000		1033.	0.4243
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4237
Epoch 821/1000								
1/1 ———————————————————————————————————	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.4228
Epoch 822/1000 1/1	<b>0</b> s	42ms/step	_	accuracy:	1.0000	_	loss:	0.4220
Epoch 823/1000		э, эсер			_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.4212
Epoch 824/1000	_	44 / :			1 0000		1.	0.4000
1/1 ———————————————————————————————————	ØS	41ms/step	-	accuracy:	1.0000	-	TOSS:	0.4203
•	0s	50ms/step	_	accuracy:	1.0000	_	loss:	0.4195
Epoch 826/1000		. г						
1/1	0s	48ms/step	-	accuracy:	1.0000	-	loss:	0.4187

Epoch 827/1000								
1/1	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.4178
Epoch 828/1000	0 -	20 / 1			1 0000		,	0 4470
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.41/0
•	0s	44ms/step	-	accuracy:	1.0000	-	loss:	0.4162
Epoch 830/1000 1/1	0-	45 m = / = + = m			1 0000		1	0 4153
Epoch 831/1000	05	45ms/step	-	accuracy:	1.0000	-	1055:	0.4153
1/1	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.4145
Epoch 832/1000 1/1	as	37ms/sten	_	accuracy:	1 0000	_	1055.	0 4137
Epoch 833/1000	03	3711137 3 CCP		accuracy.	1.0000		1033.	0.4137
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.4128
Epoch 834/1000 1/1	0s	43ms/step	_	accuracy:	1.0000	_	loss:	0.4120
Epoch 835/1000				-				
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4112
1/1	0s	51ms/step	-	accuracy:	1.0000	-	loss:	0.4103
Epoch 837/1000	0 -	42 / 1			1 0000		,	0 4005
1/1 —————————— Epoch 838/1000	0S	43ms/step	-	accuracy:	1.0000	-	loss:	0.4095
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.4087
Epoch 839/1000 1/1	۵c	37ms/stan	_	accuracy:	1 0000	_	1000	0 1079
Epoch 840/1000				-				
1/1	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.4070
Epoch 841/1000 1/1	0s	43ms/step	_	accuracy:	1.0000	_	loss:	0.4062
Epoch 842/1000		·		-				
1/1 ———————————————————————————————————	0s	65ms/step	-	accuracy:	1.0000	-	loss:	0.4054
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.4046
Epoch 844/1000 1/1	0.0	27ms/ston		2661102614	1 0000		10001	0 4027
Epoch 845/1000	05	37111S/Step	-	accuracy.	1.0000	-	1055.	0.4037
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.4029
Epoch 846/1000 1/1	0s	39ms/step	_	accuracv:	1.0000	_	loss:	0.4021
Epoch 847/1000								
1/1 ———————————————————————————————————	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.4013
1/1	0s	47ms/step	-	accuracy:	1.0000	_	loss:	0.4004
Epoch 849/1000	0 -	45 / 1			1 0000		,	0 2006
1/1 —————————— Epoch 850/1000	05	45ms/step	-	accuracy:	1.0000	-	1055:	0.3996
1/1	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3988
Epoch 851/1000 1/1	as	37ms/sten	_	accuracy:	1 0000	_	1055.	a 398a
Epoch 852/1000								
1/1 ———————————————————————————————————	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.3972
Epoch 853/1000 1/1	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.3963
Epoch 854/1000				-				
1/1 —————————— Epoch 855/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.3955
1/1	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.3947
Epoch 856/1000								

1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.3939
Epoch 857/1000 1/1	Q.c	35ms/step		accupacy:	1 0000		1055	a 2021
Epoch 858/1000	62	33ilis/scep	-	accuracy.	1.0000	-	1055.	0.3331
1/1	0s	35ms/step	-	accuracy:	1.0000	-	loss:	0.3923
Epoch 859/1000 1/1	0s	42ms/step	_	accuracy:	1.0000	_	loss:	0.3914
Epoch 860/1000								
1/1 ———————————————————————————————————	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.3906
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3898
Epoch 862/1000 1/1	۵s	39ms/step	_	accuracy:	1 0000	_	loss	0 3890
Epoch 863/1000								
1/1 ————————— Epoch 864/1000	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.3882
	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3874
Epoch 865/1000 1/1	00	40ms/step		2661102611	1 0000		10551	0 2066
Epoch 866/1000		·		-				
1/1 ———————————————————————————————————	0s	71ms/step	-	accuracy:	1.0000	-	loss:	0.3858
Epoch 867/1000 1/1	0s	41ms/step	_	accuracy:	1.0000	_	loss:	0.3850
Epoch 868/1000 1/1	0-	F0m= /=+==			1 0000		1	0 2041
Epoch 869/1000	05	20111S/Step	-	accuracy:	1.0000	-	1055:	0.3841
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3833
Epoch 870/1000 1/1	0s	42ms/step	_	accuracy:	1.0000	_	loss:	0.3825
Epoch 871/1000	0 -	40 / 1		-	4 0000		,	0 2047
1/1 ————————— Epoch 872/1000	05	40ms/step	-	accuracy:	1.0000	-	1055:	0.381/
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.3809
Epoch 873/1000 1/1	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.3801
Epoch 874/1000								
1/1 ———————————————————————————————————	05	41ms/step	-	accuracy:	1.0000	-	1055:	0.3/93
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3785
Epoch 876/1000 1/1	0s	46ms/step	_	accuracy:	1.0000	_	loss:	0.3777
Epoch 877/1000 1/1	0-	20ma /atan			1 0000		1	0 2760
Epoch 878/1000	05	38ms/step	-	accuracy:	1.0000	-	1055:	0.3769
1/1 ————————— Epoch 879/1000	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3761
1/1	0s	44ms/step	_	accuracy:	1.0000	-	loss:	0.3753
Epoch 880/1000 1/1	0.5	11ms /ston		2661102614	1 0000		10551	0 2745
Epoch 881/1000	05	41ms/step	-	accuracy:	1.0000	-	1055:	0.3/43
	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3738
Epoch 882/1000 1/1	0s	41ms/step	_	accuracy:	1.0000	-	loss:	0.3730
Epoch 883/1000				-				
Epoch 884/1000	ØS	41ms/step	-	accuracy:	1.0000	-	TOSS:	v.3/22
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3714
Epoch 885/1000 1/1	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.3706
		·		-				

Epoch 886/1000								
-	0s	36ms/step	_	accuracy:	1.0000	-	loss:	0.3698
Epoch 887/1000								
1/1 ————————— Epoch 888/1000	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3690
-	0s	40ms/step	_	accuracy:	1.0000	_	loss:	0.3682
Epoch 889/1000		·		-				
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.3674
Epoch 890/1000 1/1	0s	43ms/step	_	accuracy:	1.0000	_	loss:	0.3667
Epoch 891/1000		·		-				
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3659
Epoch 892/1000 1/1	0s	37ms/step	_	accuracv:	1.0000	_	loss:	0.3651
Epoch 893/1000								
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3643
Epoch 894/1000 1/1	0s	40ms/step	_	accuracv:	1.0000	_	loss:	0.3635
Epoch 895/1000								
	0s	53ms/step	-	accuracy:	1.0000	-	loss:	0.3628
Epoch 896/1000 1/1	0s	48ms/step	_	accuracv:	1.0000	_	loss:	0.3620
Epoch 897/1000		·		-				
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.3612
Epoch 898/1000 1/1	0s	37ms/step	_	accuracy:	1.0000	_	loss:	0.3604
Epoch 899/1000		·		-				
	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3597
Epoch 900/1000 1/1	0s	40ms/step	_	accuracv:	1.0000	_	loss:	0.3589
Epoch 901/1000								
1/1	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.3581
Epoch 902/1000 1/1	0s	44ms/step	_	accuracy:	1.0000	_	loss:	0.3574
Epoch 903/1000								
<b>1/1</b> Epoch 904/1000	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.3566
1/1	0s	46ms/step	_	accuracy:	1.0000	_	loss:	0.3558
Epoch 905/1000								
1/1 ————————— Epoch 906/1000	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3551
-	0s	44ms/step	_	accuracy:	1.0000	_	loss:	0.3543
Epoch 907/1000								
1/1 ————————— Epoch 908/1000	0s	55ms/step	-	accuracy:	1.0000	-	loss:	0.3535
•	0s	41ms/step	_	accuracy:	1.0000	_	loss:	0.3528
Epoch 909/1000	_							
1/1 ———————————————————————————————————	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3520
•	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3512
Epoch 911/1000	_							
1/1 —————————— Epoch 912/1000	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3505
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3497
Epoch 913/1000								
1/1 ———————————————————————————————————	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3490
-	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.3482
Epoch 915/1000								

1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3475
Epoch 916/1000	0 -	27 / /			4 0000		,	0.2467
1/1 ————————— Epoch 917/1000	0S	37ms/step	-	accuracy:	1.0000	-	loss:	0.3467
•	0s	50ms/step	-	accuracy:	1.0000	-	loss:	0.3460
Epoch 918/1000								
1/1 ————————— Epoch 919/1000	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3452
1/1	0s	38ms/step	_	accuracy:	1.0000	_	loss:	0.3445
Epoch 920/1000								
	0s	44ms/step	-	accuracy:	1.0000	-	loss:	0.3437
Epoch 921/1000 1/1	<b>0</b> s	40ms/step	_	accuracy:	1.0000	_	loss:	0.3430
Epoch 922/1000		. с 5, 5 сер		acca. acy t	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.3422
Epoch 923/1000 1/1	00	12mc/ston		2001112011	1 0000		1000	0 2/15
Epoch 924/1000	05	43ms/step	-	accuracy:	1.0000	-	1055;	0.3415
-	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3408
Epoch 925/1000	_							
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3400
1/1	0s	41ms/step	_	accuracy:	1.0000	-	loss:	0.3393
Epoch 927/1000								
1/1 ———————————————————————————————————	0s	40ms/step	-	accuracy:	1.0000	-	loss:	0.3386
Epoch 928/1000 1/1 ———————————————————————————————————	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.3378
Epoch 929/1000								
	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3371
Epoch 930/1000 1/1	<b>0</b> s	44ms/step	_	accuracy:	1.0000	_	loss:	0.3364
Epoch 931/1000		-,						
	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3356
Epoch 932/1000 1/1 ———————————————————————————————————	0s	38ms/step	_	accuracv:	1.0000	_	loss:	0.3349
Epoch 933/1000								
	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3342
Epoch 934/1000 1/1 ———————————————————————————————————	<b>0</b> s	36ms/step	_	accuracy:	1.0000	_	loss:	0.3334
Epoch 935/1000		<b>3</b> от то		acca. acy t	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	0s	46ms/step	-	accuracy:	1.0000	-	loss:	0.3327
Epoch 936/1000 1/1	9s	44ms/step	_	accuracy:	1 0000	_	loss	0 3320
Epoch 937/1000	05	. т у сер		acca, acy.	1.0000		1033.	0.3320
	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.3313
Epoch 938/1000 1/1	۵c	12ms/stan	_	accuracy:	1 0000	_	1000	0 3306
Epoch 939/1000	03	421113/3CEP		accuracy.	1.0000		1033.	0.3300
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3298
Epoch 940/1000 1/1	00	15ms/stan		2661102614	1 0000		10001	0 2201
Epoch 941/1000	05	45ms/step	-	accuracy:	1.0000	-	1055;	0.3291
•	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.3284
Epoch 942/1000	ο-	41 m = / = 1			1 0000		1	0.2277
1/1 ———————————————————————————————————	US	41ms/step	-	accuracy:	1.0000	-	TOSS:	0.32//
-	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3270
Epoch 944/1000							_	
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3263

F   0.45 /4.000								
Epoch 945/1000 1/1	0s	40ms/step	_	accuracv:	1.0000	_	loss:	0.3256
Epoch 946/1000		·		-				
1/1 ———————————————————————————————————	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3248
•	0s	39ms/step	_	accuracy:	1.0000	_	loss:	0.3241
Epoch 948/1000		·		-				
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3234
•	0s	39ms/step	-	accuracy:	1.0000	_	loss:	0.3227
Epoch 950/1000	_						_	
<b>1/1</b>	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3220
1/1	0s	45ms/step	-	accuracy:	1.0000	-	loss:	0.3213
Epoch 952/1000	_	/ /						
1/1 ———————————————————————————————————	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3206
-	0s	41ms/step	-	accuracy:	1.0000	-	loss:	0.3199
Epoch 954/1000	0-	20			1 0000		1	0 2402
1/1 ———————————————————————————————————	05	38ms/step	-	accuracy:	1.0000	-	1055:	0.3192
•	0s	49ms/step	-	accuracy:	1.0000	-	loss:	0.3185
Epoch 956/1000 1/1 ———————————————————————————————————	00	49ms/step		2661102671	1 0000		10551	0 2170
Epoch 957/1000	05	49ms/step	-	accuracy:	1.0000	-	1055:	0.31/8
1/1	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3172
Epoch 958/1000 1/1	Q.c.	38ms/step		accupacy:	1 0000		1000	0 2165
Epoch 959/1000	63	Joilis/scep	-	accuracy.	1.0000	-	1055.	0.3103
1/1	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.3158
Epoch 960/1000 1/1	۵s	40ms/sten	_	accuracy:	1 0000	_	1055.	0 3151
Epoch 961/1000	05	тошэ, эсер		accai acy.	1.0000		1033.	0.3131
1/1 ———————————————————————————————————	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3144
•	0s	77ms/step	_	accuracy:	1.0000	_	loss:	0.3137
Epoch 963/1000								
1/1 —————————— Epoch 964/1000	0s	37ms/step	-	accuracy:	1.0000	-	loss:	0.3130
	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.3123
Epoch 965/1000 1/1	0-	40			1 0000		1	0 2447
Epoch 966/1000	05	49ms/step	-	accuracy:	1.0000	-	1055:	0.311/
1/1	0s	43ms/step	-	accuracy:	1.0000	-	loss:	0.3110
Epoch 967/1000 1/1 ———————————————————————————————————	۵s	40ms/step	_	accuracy:	1 0000	_	1055.	0 3103
Epoch 968/1000	03	40113/3ccp		accuracy.	1.0000		1033.	0.5105
	0s	42ms/step	-	accuracy:	1.0000	-	loss:	0.3096
Epoch 969/1000 1/1	0s	42ms/step	_	accuracv:	1.0000	_	loss:	0.3090
Epoch 970/1000		·						
1/1	0s	36ms/step	-	accuracy:	1.0000	-	loss:	0.3083
1/1	0s	38ms/step	-	accuracy:	1.0000	-	loss:	0.3076
Epoch 972/1000	^	40 / :			1 0000		1.	0.2075
1/1 ———————————————————————————————————	US	40ms/step	-	accuracy:	1.0000	-	1022:	0.30/0
1/1	0s	39ms/step	-	accuracy:	1.0000	-	loss:	0.3063
Epoch 974/1000								

```
- 0s 39ms/step - accuracy: 1.0000 - loss: 0.3056
       1/1 -
       Epoch 975/1000
                                0s 38ms/step - accuracy: 1.0000 - loss: 0.3050
       1/1
       Epoch 976/1000
                                0s 38ms/step - accuracy: 1.0000 - loss: 0.3043
       1/1 -
       Epoch 977/1000
                                0s 38ms/step - accuracy: 1.0000 - loss: 0.3036
       1/1 -
       Epoch 978/1000
       1/1
                                 0s 44ms/step - accuracy: 1.0000 - loss: 0.3030
       Epoch 979/1000
                                0s 39ms/step - accuracy: 1.0000 - loss: 0.3023
       1/1 -
       Epoch 980/1000
       1/1
                                0s 46ms/step - accuracy: 1.0000 - loss: 0.3017
       Epoch 981/1000
                                0s 44ms/step - accuracy: 1.0000 - loss: 0.3010
       1/1
       Epoch 982/1000
                                0s 38ms/step - accuracy: 1.0000 - loss: 0.3004
       1/1 -
       Epoch 983/1000
                                0s 59ms/step - accuracy: 1.0000 - loss: 0.2997
       1/1
       Epoch 984/1000
       1/1 -
                                0s 45ms/step - accuracy: 1.0000 - loss: 0.2990
       Epoch 985/1000
       1/1 .
                                0s 41ms/step - accuracy: 1.0000 - loss: 0.2984
       Epoch 986/1000
       1/1
                                0s 45ms/step - accuracy: 1.0000 - loss: 0.2978
       Epoch 987/1000
                                0s 40ms/step - accuracy: 1.0000 - loss: 0.2971
       1/1
       Epoch 988/1000
       1/1 -
                                0s 40ms/step - accuracy: 1.0000 - loss: 0.2965
       Epoch 989/1000
                                 0s 44ms/step - accuracy: 1.0000 - loss: 0.2958
       Epoch 990/1000
                                0s 42ms/step - accuracy: 1.0000 - loss: 0.2952
       1/1 .
       Epoch 991/1000
       1/1 -
                                0s 40ms/step - accuracy: 1.0000 - loss: 0.2945
       Epoch 992/1000
       1/1
                                0s 57ms/step - accuracy: 1.0000 - loss: 0.2939
       Epoch 993/1000
       1/1 .
                                0s 41ms/step - accuracy: 1.0000 - loss: 0.2933
       Epoch 994/1000
                                0s 39ms/step - accuracy: 1.0000 - loss: 0.2926
       1/1 -
       Epoch 995/1000
       1/1 -
                                0s 38ms/step - accuracy: 1.0000 - loss: 0.2920
       Epoch 996/1000
                                0s 38ms/step - accuracy: 1.0000 - loss: 0.2914
       1/1 -
       Epoch 997/1000
       1/1
                                0s 41ms/step - accuracy: 1.0000 - loss: 0.2907
       Epoch 998/1000
       1/1
                                0s 40ms/step - accuracy: 1.0000 - loss: 0.2901
       Epoch 999/1000
       1/1
                                0s 43ms/step - accuracy: 1.0000 - loss: 0.2895
       Epoch 1000/1000
                               0s 41ms/step - accuracy: 1.0000 - loss: 0.2889
       1/1 -
Out[8]: <keras.src.callbacks.history.History at 0x194f33acd10>
```

In [10]: # Predict
y\_pred = model.predict(X[:8])
print(y\_pred)

[[0.3042369]

[0.2777259]

[0.1379456]

[0.31083974]

[0.19762327]

[0.74816]

[0.5905119]

[0.85029966]]