```
 1 C:\Users\J\Desktop\Major\venv\Scripts\python.exe C:\
   Users\J\Desktop\Major\Task_humanitarion\
   humatarian_text_LSTM.py
 2 Model: "sequential"
 3 _____
   _____
 4  Layer (type)                 Output Shape
                Param #
 5 ========================================================
   ============
 6  embedding (Embedding)        (None, 27, 128
   )           256000
 7

 8  lstm (LSTM)                  (None, 128
   )              131584
 9

10  dense (Dense)                (None, 8
   )                1032
11

12 ========================================================
   ============
13 Total params: 388,616
14 Trainable params: 388,616
15 Non-trainable params: 0
16 _____
   _____
17 None
18 Epoch 1/20
19 453/453 [==============================] - 22s 42ms/
   step - loss: 1.1836 - accuracy: 0.5460
20 Epoch 2/20
21 453/453 [==============================] - 19s 43ms/
   step - loss: 0.8421 - accuracy: 0.7024
22 Epoch 3/20
23 453/453 [==============================] - 22s 49ms/
   step - loss: 0.7580 - accuracy: 0.7347
24 Epoch 4/20
25 453/453 [==============================] - 19s 42ms/
```

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25 step - loss: 0.6967 - accuracy: 0.7560
26 Epoch 5/20
27 453/453 [==============================] - 19s 42ms/
   step - loss: 0.6499 - accuracy: 0.7699
28 Epoch 6/20
29 453/453 [==============================] - 19s 43ms/
   step - loss: 0.6092 - accuracy: 0.7859
30 Epoch 7/20
31 453/453 [==============================] - 19s 43ms/
   step - loss: 0.5727 - accuracy: 0.7979
32 Epoch 8/20
33 453/453 [==============================] - 20s 43ms/
   step - loss: 0.5338 - accuracy: 0.8116
34 Epoch 9/20
35 453/453 [==============================] - 20s 44ms/
   step - loss: 0.4976 - accuracy: 0.8239
36 Epoch 10/20
37 453/453 [==============================] - 20s 44ms/
   step - loss: 0.4657 - accuracy: 0.8371
38 Epoch 11/20
39 453/453 [==============================] - 20s 44ms/
   step - loss: 0.4312 - accuracy: 0.8522
40 Epoch 12/20
41 453/453 [==============================] - 20s 44ms/
   step - loss: 0.4022 - accuracy: 0.8597
42 Epoch 13/20
43 453/453 [==============================] - 20s 44ms/
   step - loss: 0.3748 - accuracy: 0.8680
44 Epoch 14/20
45 453/453 [==============================] - 20s 45ms/
   step - loss: 0.3409 - accuracy: 0.8796
46 Epoch 15/20
47 453/453 [==============================] - 20s 44ms/
   step - loss: 0.3135 - accuracy: 0.8895
48 Epoch 16/20
49 453/453 [==============================] - 21s 46ms/
   step - loss: 0.2862 - accuracy: 0.8981
50 Epoch 17/20
51 453/453 [==============================] - 20s 44ms/
   step - loss: 0.2707 - accuracy: 0.9028
52 Epoch 18/20
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53 453/453 [==============================] - 20s 44ms/
   step - loss: 0.2365 - accuracy: 0.9152
54 Epoch 19/20
55 453/453 [==============================] - 21s 46ms/
   step - loss: 0.2229 - accuracy: 0.9188
56 Epoch 20/20
57 453/453 [==============================] - 20s 44ms/
   step - loss: 0.2027 - accuracy: 0.9261
58 114/114 [==============================] - 1s 7ms/
   step - loss: 1.7727 - accuracy: 0.6511
59 Test accuracy: 0.6510920524597168
60
61 Process finished with exit code 0
62
```