

```
147     pos = np.argmax(model.predict(padded_token_text, verbose=0))
148
149     for word, index in tokenizer.word_index.items():
150         if index == pos:
151             text = text + " " + word
152             print(text)
153             time.sleep(2)
154
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\zumer\OneDrive\Desktop\lab working\lab 7> & 'c:\Users\zumer\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\zumer\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundle\libs\debugpy\launcher' '52978' '--' 'c:\Users\zumer\OneDrive\Desktop\lab working\lab 7\ltsm.py'

26/26 2s 59ms/step - accuracy: 0.9499 - loss: 0.1778

Epoch 98/100

26/26 2s 59ms/step - accuracy: 0.9487 - loss: 0.1751

Epoch 99/100

26/26 2s 61ms/step - accuracy: 0.9512 - loss: 0.1732

Epoch 100/100

26/26 2s 63ms/step - accuracy: 0.9536 - loss: 0.1699

what is the fee spoken

what is the fee spoken by

what is the fee spoken by the

what is the fee spoken by the instructor

what is the fee spoken by the instructor during

what is the fee spoken by the instructor during the

what is the fee spoken by the instructor during the sessions

what is the fee spoken by the instructor during the sessions last

what is the fee spoken by the instructor during the sessions last mentorship

what is the fee spoken by the instructor during the sessions last mentorship program

○ PS C:\Users\zumer\OneDrive\Desktop\lab working\lab 7>

```
58951 -- C:\Users\zumer\OneDrive\Desktop\lab_working\lab\7\lmst2.py
2026-01-13 03:54:57.039279: I tensorflow/core/util/port.cc:153] oneDNN custom operations are on. You may see slightly different numerical results
Epoch 194/200
2/2 [=====] 0s 24ms/step - accuracy: 1.0000 - loss: 0.4111
Epoch 195/200
2/2 [=====] 0s 24ms/step - accuracy: 1.0000 - loss: 0.4044
Epoch 196/200
2/2 [=====] 0s 24ms/step - accuracy: 1.0000 - loss: 0.4013
Epoch 197/200
2/2 [=====] 0s 23ms/step - accuracy: 1.0000 - loss: 0.3949
Epoch 198/200
2/2 [=====] 0s 24ms/step - accuracy: 1.0000 - loss: 0.3903
Epoch 199/200
2/2 [=====] 0s 23ms/step - accuracy: 1.0000 - loss: 0.3841
Epoch 200/200
2/2 [=====] 0s 24ms/step - accuracy: 1.0000 - loss: 0.3833
Next word prediction: a
Generated text: machine learning is a method of data analysis
○ PS C:\Users\zumer\OneDrive\Desktop\lab_working\lab 7>
```

In 67 Col 1 Spaces: 4 UTF-8 CRLF { } Python

OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\zumer\OneDrive\Desktop\lab working\lab 7> c;; cd 'c:\Users\zumer\OneDrive\Desktop\lab working\lab 7'; & 'c:\Users\zumer\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\zumer\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '--' 'c:\Users\zumer\OneDrive\Desktop\lab working\lab 7\lstm3.py'
```

```
Epoch 196/200  
2/2 0s 26ms/step - accuracy: 0.9730 - loss: 0.4231  
Epoch 197/200  
2/2 0s 26ms/step - accuracy: 0.9730 - loss: 0.4212  
Epoch 198/200  
2/2 0s 25ms/step - accuracy: 0.9730 - loss: 0.4162  
Epoch 199/200  
2/2 0s 26ms/step - accuracy: 0.9730 - loss: 0.4113  
Epoch 200/200  
2/2 0s 27ms/step - accuracy: 0.9730 - loss: 0.4077
```

```
Enter a sentence (or type 'exit' to quit):  
> machine learning is
```

```
Generated text: machine learning is a method of data analysis
```

```
Enter a sentence (or type 'exit' to quit):  
> 
```