


```

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 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\150m2.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>
```

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' '52584' '--' '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):

>