File - test\_function

```
1 /Users/vedantmahajan/PycharmProjects/Translator/venv/bin/python /Users/vedantmahajan/PycharmProjects/Translator/
  test_function.py
2 Using TensorFlow backend.
3 2020-06-23 22:09:10.841416: I tensorflow/core/platform/cpu_feature_guard.cc:143] Your CPU supports instructions
  that this TensorFlow binary was not compiled to use: AVX2 FMA
4 2020-06-23 22:09:10.862629: I tensorflow/compiler/xla/service/service.cc:168] XLA service 0x7ffa2f25e1d0
  initialized for platform Host (this does not guarantee that XLA will be used). Devices:
5 2020-06-23 22:09:10.862645: I tensorflow/compiler/xla/service/service.cc:176] StreamExecutor device (0): Host,
  Default Version
6 Model summary:
7
8 Model: "model"
                           Output Shape Textram # Connected to
10 Layer (type)
12 input_1 (InputLayer) [(None, None, 2492)] 0
14 input_2 (InputLayer) [(None, None, 743)] 0
                       [(None, 256), (None, 2814976 input_1[0][0]
16 lstm (LSTM)
                       [(None, None, 256), 1024000 input_2[0][0]
18 lstm 1 (LSTM)
19
                                                               lstm[0][1]
20
                                                               lstm[0][2]
                       (None, None, 743) 190951 lstm_1[0][0]
22 dense (Dense)
24 Total params: 4,029,927
25 Trainable params: 4,029,927
26 Non-trainable params: 0
```

```
val_accuracy: 0.1626
51 Epoch 11/100
val accuracy: 0.1751
53 Epoch 12/100
val_accuracy: 0.1777
55 Epoch 13/100
val accuracy: 0.1758
57 Epoch 14/100
val_accuracy: 0.1752
59 Epoch 15/100
val_accuracy: 0.1855
61 Epoch 16/100
val_accuracy: 0.1891
63 Epoch 17/100
val accuracy: 0.1881
65 Epoch 18/100
val_accuracy: 0.1902
67 Epoch 19/100
val accuracy: 0.1969
69 Epoch 20/100
```

File - test\_function

```
70 val_accuracy: 0.1975
71 Epoch 21/100
val_accuracy: 0.2003
73 Epoch 22/100
val_accuracy: 0.1992
75 Epoch 23/100
val_accuracy: 0.2007
77 Epoch 24/100
val accuracy: 0.1963
79 Epoch 25/100
val_accuracy: 0.1967
81 Epoch 26/100
val_accuracy: 0.1930
83 Epoch 27/100
val_accuracy: 0.1973
85 Epoch 28/100
val_accuracy: 0.2021
87 Epoch 29/100
val_accuracy: 0.1991
89 Epoch 30/100
val_accuracy: 0.2059
```

```
91 Epoch 31/100
val accuracy: 0.2036
93 Epoch 32/100
val_accuracy: 0.2045
95 Epoch 33/100
val_accuracy: 0.2030
97 Epoch 34/100
val_accuracy: 0.2059
99 Epoch 35/100
val_accuracy: 0.2015
101 Epoch 36/100
val_accuracy: 0.2020
103 Epoch 37/100
val accuracy: 0.2041
105 Epoch 38/100
val_accuracy: 0.2044
107 Epoch 39/100
val_accuracy: 0.2004
109 Epoch 40/100
val_accuracy: 0.1967
111 Epoch 41/100
```

```
val_accuracy: 0.2016
113 Epoch 42/100
val_accuracy: 0.2026
115 Epoch 43/100
val_accuracy: 0.2032
117 Epoch 44/100
val accuracy: 0.2026
119 Epoch 45/100
val_accuracy: 0.2013
121 Epoch 46/100
val_accuracy: 0.2044
123 Epoch 47/100
val_accuracy: 0.1953
125 Epoch 48/100
val_accuracy: 0.2009
127 Epoch 49/100
val_accuracy: 0.1978
129 Epoch 50/100
val_accuracy: 0.2028
131 Epoch 51/100
```

```
132 val_accuracy: 0.1958
133 Epoch 52/100
val_accuracy: 0.1978
135 Epoch 53/100
val_accuracy: 0.1965
137 Epoch 54/100
val_accuracy: 0.1946
139 Epoch 55/100
val accuracy: 0.1941
141 Epoch 56/100
val_accuracy: 0.1927
143 Epoch 57/100
val_accuracy: 0.1940
145 Epoch 58/100
val_accuracy: 0.1956
147 Epoch 59/100
val_accuracy: 0.1934
149 Epoch 60/100
val_accuracy: 0.1936
151 Epoch 61/100
val_accuracy: 0.1920
```

```
153 Epoch 62/100
val accuracy: 0.1947
155 Epoch 63/100
val_accuracy: 0.1949
157 Epoch 64/100
val_accuracy: 0.1896
159 Epoch 65/100
val_accuracy: 0.1898
161 Epoch 66/100
val_accuracy: 0.1911
163 Epoch 67/100
val_accuracy: 0.1936
165 Epoch 68/100
val accuracy: 0.1892
167 Epoch 69/100
val_accuracy: 0.1914
169 Epoch 70/100
val_accuracy: 0.1898
171 Epoch 71/100
val_accuracy: 0.1915
173 Epoch 72/100
```

```
val_accuracy: 0.1909
175 Epoch 73/100
val_accuracy: 0.1891
177 Epoch 74/100
val_accuracy: 0.1890
179 Epoch 75/100
val accuracy: 0.1879
181 Epoch 76/100
val_accuracy: 0.1896
183 Epoch 77/100
val_accuracy: 0.1890
185 Epoch 78/100
val_accuracy: 0.1914
187 Epoch 79/100
val_accuracy: 0.1874
189 Epoch 80/100
val_accuracy: 0.1886
191 Epoch 81/100
val accuracy: 0.1899
193 Epoch 82/100
```

```
194 val_accuracy: 0.1889
195 Epoch 83/100
val_accuracy: 0.1859
197 Epoch 84/100
val_accuracy: 0.1881
199 Epoch 85/100
val_accuracy: 0.1859
201 Epoch 86/100
val accuracy: 0.1865
203 Epoch 87/100
val_accuracy: 0.1867
205 Epoch 88/100
val_accuracy: 0.1825
207 Epoch 89/100
val_accuracy: 0.1875
209 Epoch 90/100
val_accuracy: 0.1857
211 Epoch 91/100
val_accuracy: 0.1849
213 Epoch 92/100
val_accuracy: 0.1883
```

```
215 Epoch 93/100
val accuracy: 0.1867
217 Epoch 94/100
val_accuracy: 0.1860
219 Epoch 95/100
val_accuracy: 0.1868
221 Epoch 96/100
val_accuracy: 0.1868
223 Epoch 97/100
val_accuracy: 0.1843
225 Epoch 98/100
val_accuracy: 0.1855
227 Epoch 99/100
val accuracy: 0.1867
229 Epoch 100/100
val_accuracy: 0.1836
231 -
232 Input sentence: Wow!
233 Decoded sentence: वाह! <END>
234 -
235 Input sentence: Help!
236 Decoded sentence: पाओ! <END>
237 -
```

File - test function

```
238 Input sentence: Jump.
239 Decoded sentence: क ूद ो . <END>
240 -
241 Input sentence: Jump.
242 Decoded sentence: क ूद ो . <END>
243 -
244 Input sentence: Jump.
245 Decoded sentence: कूदो . <END>
246 -
247 Input sentence: Hello!
248 Decoded sentence: नमस ् क ा र । <END>
249 -
250 Input sentence: Hello!
251 Decoded sentence: नमस कार। <END>
252 -
253 Input sentence: Cheers!
254 Decoded sentence: चि यर ्स ! <END>
255 -
256 Input sentence: Cheers!
257 Decoded sentence: चि यर स ! <END>
258 -
259 Input sentence: Got it?
260 Decoded sentence: समझे कि नहीं ? <END>
261 -
262 Input sentence: I'm OK.
263 Decoded sentence: ਸੈਂਂ ਠੀ क हूँ। <END>
264 -
265 Input sentence: Awesome!
266 Decoded sentence: बहुत बढ़िया ! <END>
267 -
268 Input sentence: Come in.
```

```
269 Decoded sentence: अंदर आ ज ा ओ । <END>
270 -
271 Input sentence: Get out!
272 Decoded sentence: ब ा हर न ि कल ज ा ओ ! <END>
273 -
274 Input sentence: Go away!
275 Decoded sentence: ਹੁੰਗ ੇ ਯੂ ਾ ओ ! <END>
276 -
277 Input sentence: Goodbye!
278 Decoded sentence: অ্ু বা हा फ়ি ज়। <END>
279 -
280 Input sentence: Perfect!
281 Decoded sentence: उत ़ तम ! <END>
282 -
283 Input sentence: Perfect!
284 Decoded sentence: उत ् तम ! <END>
285 -
286 Input sentence: Welcome.
287 Decoded sentence: स ्वा गतम ्। <END>
288 -
289 Input sentence: Welcome.
290 Decoded sentence: स ्वा गतम ्। <END>
291 -
292 Input sentence: Have fun.
293 Decoded sentence: मज े करन ा । <END>
294 -
295 Input sentence: Have fun.
296 Decoded sentence: मज े करन ा । <END>
297 -
298 Input sentence: Have fun.
299 Decoded sentence: मज े करन ा । <END>
```

```
300 -
301 Input sentence: I forgot.
302 Decoded sentence: ਸਨੈਂਮ ੂ ल गई। <END>
303 -
304 Input sentence: I forgot.
305 Decoded sentence: ਸਨੈਂ ਮਨੂ ल गई। <END>
306 -
307 Input sentence: I'll pay.
308 Decoded sentence: ਸਨੈਂ पਨੈ सਨੇ दलूं गरा। <END>
309 -
310 Input sentence: I'm fine.
311 Decoded sentence: ਸੈਂਂ ਠੀ क हू ँ। <END>
312 -
313 Input sentence: I'm full.
314 Decoded sentence: में रा पे टग्ड़ है। <END>
315 -
316 Input sentence: Let's go!
317 Decoded sentence: ਚੁਲ ੇ ਦਲ ੇ ! <END>
318 -
319 Input sentence: Answer me.
320 Decoded sentence: म ुझ े नह ी ं पत ा क ि वह च ि क ्य ा पत ा थ ा । <END>
321 -
322 Input sentence: Birds fly.
323 Decoded sentence: पंछी उड़ ते हैं। <END>
324 -
325 Input sentence: Excuse me.
326 Decoded sentence: मा फ ़की जि ए। <END>
327 -
328 Input sentence: Fantastic!
329 Decoded sentence: बहू त ख़ू ब ! <END>
330 -
```

```
331 Input sentence: I fainted.
332 Decoded sentence: मैं बेहो शहो गया। <END>
333 -
334 Input sentence: I fear so.
335 Decoded sentence: खेदकी बातहै, इसवैक्वहै। <END>
336 -
337 Input sentence: I laughed.
338 Decoded sentence: म ैंं होंँ स े क ुश ्मन ा त करत ा ह ै। <END>
339 -
340 Input sentence: I'm bored.
341 Decoded sentence: म ्झेबारा नहीं जाता। <END>
342 -
343 Input sentence: I'm broke.
344 Decoded sentence: म ुझे त ुम ्हा री दये ग ़ ुछ हो ई। <END>
345 -
346 Input sentence: I'm tired.
347 Decoded sentence: म ैं आ रह ा ह ू ँ। <END>
348 -
349 Input sentence: It's cold.
350 Decoded sentence: आज म ौ सम है। <END>
351 -
352 Input sentence: Well done!
353 Decoded sentence: গ া ৰ া গ ! <END>
354 -
355 Input sentence: Who knows?
356 Decoded sentence: कि सक ो पत ा है ? <END>
357 -
358 Input sentence: Who knows?
359 Decoded sentence: कि सक ो पत ा है ? <END>
360 -
361 Input sentence: Who knows?
```

```
362 Decoded sentence: कि सको पता है ? <END>
363 -
364 Input sentence: Who knows?
365 Decoded sentence: कि सक ो पत ा है ? <END>
366 -
367 Input sentence: Wonderful!
368 Decoded sentence: अद ् भ ू त <END>
369 -
370 Input sentence: Birds sing.
371 Decoded sentence: पਂ छੀ उड ਨੇ हੈ ਂ। <END>
372 -
373 Input sentence: Come on in.
374 Decoded sentence: अंदर आ ज ा ओ । <END>
375 -
376 Input sentence: Definitely!
377 Decoded sentence: कि तन ा च ा ह ो ! <END>
378 -
379 Input sentence: Don't move.
380 Decoded sentence: हि ल ो मत। <END>
381
382 Process finished with exit code 0
383
```