SEED = 34

#maximum number of words in output text

MAX\_LEN = 70

input\_sequence = "I don't know about you, but there's only one thing I want to do after a long day of work"

from transformers import TFGPT2LMHeadModel, GPT2Tokenizer

#get large GPT2 tokenizer and GPT2 model

tokenizer = GPT2Tokenizer.from\_pretrained("gpt2-large")

GPT2 = TFGPT2LMHeadModel.from\_pretrained("gpt2-large", pad\_token\_id=tokenizer.eos\_token\_id)

GPT2.summary()

import tensorflow as tf

tf.random.set\_seed(SEED)

input\_ids = tokenizer.encode(input\_sequence, return\_tensors='tf')

# generate text until the output length (which includes the context length) reaches 50

greedy\_output = GPT2.generate(input\_ids, max\_length = MAX\_LEN)

print("Output:\n" + 100 \* '-')

print(tokenizer.decode(greedy\_output[0], skip\_special\_tokens = True))