```python
from transformers import GPT2LMHeadModel, GPT2Tokenizer

def generate_text(prompt, num_sequences=1, max_length=100,
temperature=0.7):
    # Load pre-trained GPT-2 model and tokenizer
    model_name = 'gpt2'
    tokenizer = GPT2Tokenizer.from_pretrained(model_name)
    model = GPT2LMHeadModel.from_pretrained(model_name)

    # Tokenize input text
    input_ids = tokenizer.encode(prompt, return_tensors='pt')

    # Generate text based on input prompt
    output = model.generate(input_ids,
                            max_length=max_length,
                            num_return_sequences=num_sequences,
                            temperature=temperature,
                            top_k=50,
                            top_p=0.95,
                            repetition_penalty=1.0,
                            do_sample=True,
                            pad_token_id=tokenizer.eos_token_id)

    # Decode generated output
    generated_text = [tokenizer.decode(seq, skip_special_tokens=True)
for seq in output]

    return generated_text

def main():
    while True:
        # Prompt user for input
        prompt = input("Enter your prompt (or 'q' to quit): ")

        # Check if user wants to quit
        if prompt.lower() == 'q':
            print("Exiting...")
            break

        # Generate text based on user prompt
        generated_text = generate_text(prompt, num_sequences=3,
max_length=100)

        # Display generated text
        print("\nGenerated Text:")
        for i, text in enumerate(generated_text, 1):
            print(f"Sequence {i}: {text}\n")

if __name__ == "__main__":
    main()
```

Enter your prompt (or 'q' to quit): GUEST

/usr/local/lib/python3.10/dist-packages/huggingface_hub/utils/
_token.py:88: UserWarning:
The secret `HF_TOKEN` does not exist in your Colab secrets.
To authenticate with the Hugging Face Hub, create a token in your
settings tab (https://huggingface.co/settings/tokens), set it as
secret in your Google Colab and restart your session.
You will be able to reuse this secret in all of your notebooks.
Please note that authentication is recommended but still optional to
access public models or datasets.
  warnings.warn(

{"model_id":"390edcb5c4614d84a3a88979ec2f5578","version_major":2,"version_minor":0}

{"model_id":"708502b56beb409a86874077968abda2","version_major":2,"version_minor":0}

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{"model_id":"b4d8599c2988464a975ab6891ea8ce72","version_major":2,"version_minor":0}

Generated Text:
Sequence 1: GUEST: What's going on with the money?

JACOB: We're all going to be under the microscope. We're all going to
be looking at each other's shoulders, looking at each other's eyes,
looking at each other's heads, looking at each other's shoulders. And
we're all going to be wondering what's going on here.

AMY GOODMAN: What do you want to say about the future of the U.S.?

JACOB

Sequence 2: GUEST: I'm a big fan of your book, but what are your
thoughts about the current state of the game?

WALLACE: Well, I don't think that the game is going to change
drastically, I think it's going to be a much better game. I think it's

going to be a much more fun game. I think I'm going to play a lot more competitively, I think I'm going to play a lot more on the offensive side of the

Sequence 3: GUEST PUPPY OF THE YEAR:

DUBAI

The Bambi is a popular restaurant in Mumbai. It has been serving food to hundreds of tourists since 2010. The Bambi was first opened in 2013, but it has since closed down due to the lack of demand from the locals. The restaurant is one of the few eateries in Mumbai that is willing to serve fresh meat, but they do not serve fried chicken. In 2015, they opened a

Enter your prompt (or 'q' to quit): Q
Exiting...