**Create a chatbot using different models from Hugging Face:**

import sentencepiece

from transformers import AutoTokenizer, AutoModelForSeq2SeqLM

model\_name = "google/flan-t5-small" #here the model name can be changed as you like.

tokenizer = AutoTokenizer.from\_pretrained(model\_name)

model = AutoModelForSeq2SeqLM.from\_pretrained(model\_name)

### Let's chat with another bot

def chat\_with\_another\_bot():

    while True:

        # Get user input

        input\_text = input("You: ")

        # Exit conditions

        if input\_text.lower() in ["quit", "exit", "bye"]:

            print("Chatbot: Goodbye!")

            break

        # Tokenize input and generate response

        inputs = tokenizer.encode(input\_text, return\_tensors="pt")

        outputs = model.generate(inputs, max\_new\_tokens=150)

        response = tokenizer.decode(outputs[0], skip\_special\_tokens=True).strip()

        # Display bot's response

        print("Chatbot:", response)

# Start chatting

chat\_with\_another\_bot()