data = {

"hi": "Hi there! I'm a friendly chatbot here to assist you.",

"hello": "Hello! How can I help you today?",

"what is your name": "I'm just a chatbot, so I don't have a name, but you can call me ChatBot.",

"where are you from": "I'm from the digital world, always ready to chat!",

"how are you": "I'm just a chatbot, but I'm here to assist you.",

"do you have any hobbies or interests?": "I'm always busy helping users, so my hobby is chatting with people like you!",

"what did you eat today": "I don't eat, but I can help you find delicious recipes and food-related information.",

"what is your favorite color?": "I'm a chatbot, so I don't have personal preferences for colors.",

"do you enjoy listening to music?": "I can't listen to music, but I'm here to chat about it!",

"bye": "Bye! Take care and have a great day!"

}

def get\_response(user\_input):

for pattern, response in data.items():

if pattern in user\_input:

return response

return "I'm sorry, I didn't understand that. Can you please rephrase your sentence?"

print("Chatbot: Hi! I'm a simple chatbot, I'm here to assist you!")

while True:

user\_input = input("You: ")

if user\_input.lower() == "bye":

print("Chatbot: Goodbye! Have a great day!")

break

response = get\_response(user\_input)

print("Chatbot:", response)