PYTHON BOOTCAMP ASSIGNMENT

print("Hello! I'm a chatbot. What's your name?")

name = input("Enter your name: ")

print(f"Nice to meet you, {name}!")

while True:

user\_input = input("You can start chatting or type 'exit' to end: ")

if user\_input.lower() == 'exit':

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

break

else:

if "hello" in user\_input.lower():

print("Hi there!")

elif "how are you" in user\_input.lower():

print("I'm doing well, thank you!")

else:

print("Sorry, I didn't understand that.")

#EXPLANATION: This Python code is a basic chatbot. It asks for the user's name, then enters a loop where it continuously prompts the user for input. If the user types 'exit', the chatbot says goodbye and ends. Otherwise, it checks the user's input for specific phrases like "hello" or "how are you" and responds accordingly. If it doesn't recognize the input, it says it doesn't understand.