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Roll No.: COTA59

Experiment No.: 05(AI)

Code:

```
def chatbot():  
    print("hi i'm chatbot, how can I help you today?")  
    while True:  
        user_input = input("you: ")  
        if user_input.lower() == "bye":  
            print("chatbot: Bye! Have a great day.")  
            break  
        elif user_input.lower() == "hello":  
            print("chatbot: Hello there! How are you doing today?")  
        elif user_input.lower() == "how are you":  
            print("chatbot: I'm doing great, thanks for asking. What would you like to see?")  
        elif user_input.lower() == "phone":  
            print("chatbot: Which brand?")  
        elif user_input.lower() == "apple":  
            print("chatbot: Ok. What is your budget?")  
        elif user_input.lower() == "100000":  
            print("chatbot: Ok.")  
        elif user_input.lower() == "ok":  
            print("chatbot: Here are some top models.")  
        elif user_input.lower() == "thank you":  
            print("chatbot: You're welcome.")  
            print("See you again!")  
            break  
        else:  
            print("chatbot: I didn't understand what you said, can you please rephrase?")  
  
chatbot()
```

Output:

hi i'm chatbot, how can I help you today?

you: hello

chatbot: Hello there! How are you doing today?

you: how are you

chatbot: I'm doing great, thanks for asking. What would you like to see?

you: phone

chatbot: Which brand?

you: apple

chatbot: Ok. What is your budget?

you: 100000

chatbot: Ok.

you: ok

chatbot: Here are some top models.

you: samsung

chatbot: I didn't understand what you said, can you please rephrase?

you: thank you

chatbot: You're welcome.

See you again!

=== Code Execution Successful ===