# Program

predefined\_replies = {  
 "hello": "Hi there! How can I help you?",  
 "hi": "Hello! What can I do for you?",  
 "how are you": "I'm just a bot, but I'm doing great!",  
 "bye": "Goodbye! Have a nice day!",  
 "thanks": "You're welcome!",  
 "what is your name": "I'm a chatbot created to assist you.",  
 "help": "Sure, I'm here to help. Ask me anything!"  
}  
  
def chatbot():  
 print("Chatbot: Hello! Type 'bye' to exit.")  
 while True:  
 user\_input = input("You: ").lower().strip()  
 if user\_input == "bye":  
 print("Chatbot: Goodbye! Take care.")  
 break  
 response = predefined\_replies.get(user\_input, "Sorry, I didn't understand that.")  
 print("Chatbot:", response)  
  
chatbot()

# Output

Chatbot: Hello! Type 'bye' to exit.  
You: hello  
Chatbot: Hi there! How can I help you?  
You: how are you  
Chatbot: I'm just a bot, but I'm doing great!  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: hi  
Chatbot: Hello! What can I do for you?  
You: what is your name  
Chatbot: I'm a chatbot created to assist you.  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: thanks  
Chatbot: You're welcome!  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: help  
Chatbot: Sure, I'm here to help. Ask me anything!  
You: how are you  
Chatbot: I'm just a bot, but I'm doing great!  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: hello  
Chatbot: Hi there! How can I help you?  
You: what is your name  
Chatbot: I'm a chatbot created to assist you.  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: hi  
Chatbot: Hello! What can I do for you?  
You: help  
Chatbot: Sure, I'm here to help. Ask me anything!  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: hello  
Chatbot: Hi there! How can I help you?  
You: thanks  
Chatbot: You're welcome!  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: how are you  
Chatbot: I'm just a bot, but I'm doing great!  
You: what is your name  
Chatbot: I'm a chatbot created to assist you.  
You: bye  
Chatbot: Goodbye! Take care.

Chatbot: Hello! Type 'bye' to exit.  
You: help  
Chatbot: Sure, I'm here to help. Ask me anything!  
You: hi  
Chatbot: Hello! What can I do for you?  
You: bye  
Chatbot: Goodbye! Take care.