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# Dictionary containing predefined responses
responses = {
  "hi": ["Hello!", "Hi there!", "Hey!"],
  "how are you": ["I'm doing well, thank you!", "I'm good, thanks for asking.", "Feeling great!"],
  "bye": ["Goodbye!", "See you later!", "Bye!"],
  "default": ["I'm not sure I understand.", "Could you please rephrase that?", "Sorry, I didn't get
that."]
}
# Function to generate response based on user input
def generate_response(user_input):
  user_input = user_input.lower() # Convert input to lowercase for case insensitivity
  if user_input in responses:
    return random.choice(responses[user_input])
  else:
    return random.choice(responses["default"])
# Main function to run the chatbot
def main():
  print("Chatbot: Hi! How can I assist you today?")
  while True:
    user_input = input("You: ")
    if user_input.lower() == 'exit':
      print("Chatbot: Goodbye!")
      break
    response = generate_response(user_input)
    print("Chatbot:", response)
if __name__ == "__main__":
```

main()