IBM CLOUD WATSON ASSISTANT

```python
import watson_developer_cloud

# Replace these with your own IBM Cloud credentials

username = 'YOUR_USERNAME'

password = 'YOUR_PASSWORD'

workspace_id = 'YOUR_WORKSPACE_ID'

# Create a Watson Assistant client

assistant = watson_developer_cloud.AssistantV1(

    username=username,

    password=password,

    version='2018-02-16'

)

# Function to send a user's message to the chatbot

def send_message(message):

    response = assistant.message(

        workspace_id= workspace_id,

        input={

            'text': message

        }

    )

    return response

# Main loop for chatbot interaction

while True:

    user_input = input("You: ")


    # Send user's message to the chatbot

    response = send_message(user_input)
```

```python
# Extract and print chatbot's reply

chatbot_reply = response['output']['generic'][0]['text']

print("Chatbot: " + chatbot_reply)
```