

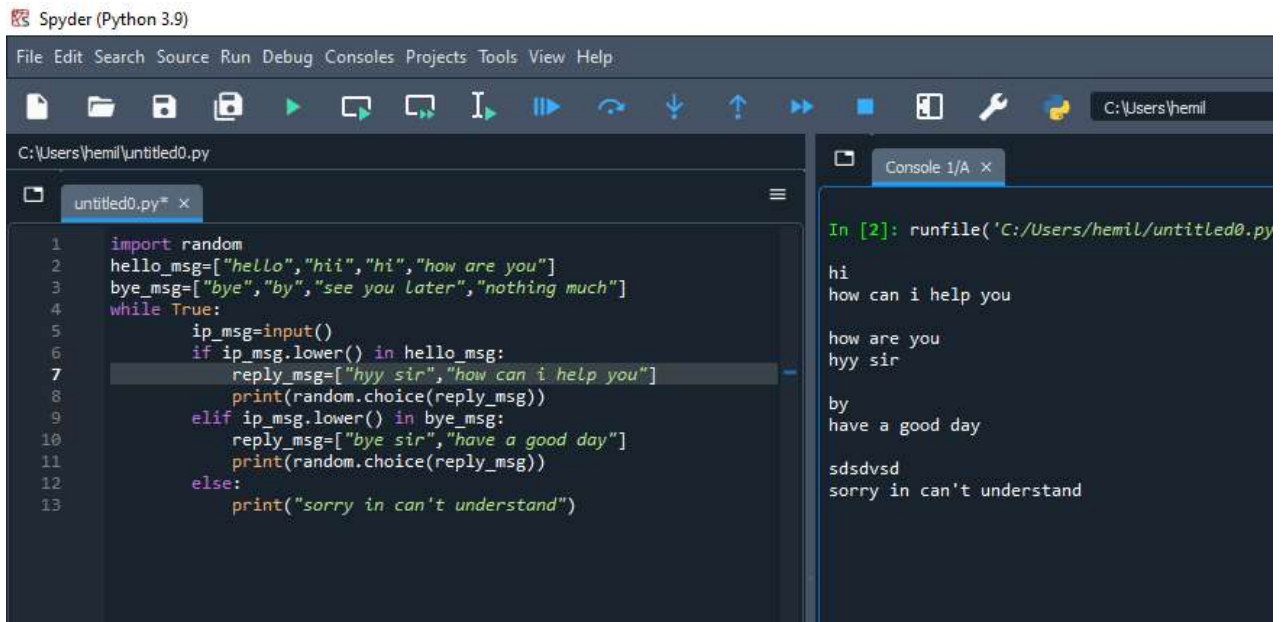
PRACTICAL-3

AIM: Write a python program to implement simple Chatbot.

Code a:

```
import random
hello_msg=["hello","hii","hi","how are you"]
bye_msg=["bye","by","see you later","nothing much"]
while True:
    ip_msg=input()
    if ip_msg.lower() in hello_msg:
        reply_msg=["hyy sir","how can i help you"]
        print(random.choice(reply_msg))
    elif ip_msg.lower() in bye_msg:
        reply_msg=["bye sir","have a good day"]
        print(random.choice(reply_msg))
    else:
        print("sorry in can't understand")from collections import defaultdict
```

Output:



The screenshot shows the Spyder Python IDE interface. The left pane displays the code for a simple chatbot. The right pane shows the console output where the program has been executed. The user inputs 'hi', 'how can i help you', 'how are you', 'hyy sir', 'by', 'have a good day', 'sdsdvsd', and 'sorry in can't understand', and the program responds with random choices from the predefined message lists.

```
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\Users\hemil\untitled0.py
untitled0.py* x
1 import random
2 hello_msg=["hello","hii","hi","how are you"]
3 bye_msg=["bye","by","see you later","nothing much"]
4 while True:
5     ip_msg=input()
6     if ip_msg.lower() in hello_msg:
7         reply_msg=["hyy sir","how can i help you"]
8         print(random.choice(reply_msg))
9     elif ip_msg.lower() in bye_msg:
10        reply_msg=["bye sir","have a good day"]
11        print(random.choice(reply_msg))
12    else:
13        print("sorry in can't understand")
Console 1/A x
In [2]: runfile('C:/Users/hemil/untitled0.py
hi
how can i help you

how are you
hyy sir

by
have a good day

sdsdvsd
sorry in can't understand
```