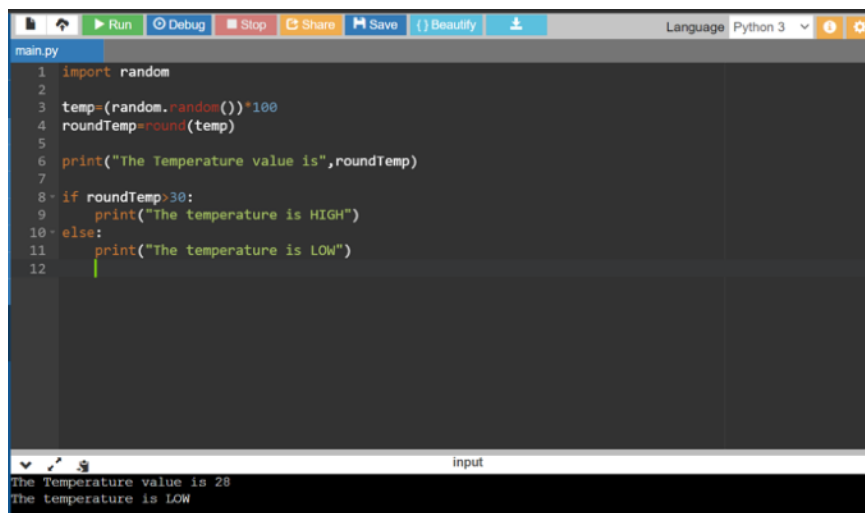


Assignment 2:

Assignment date	22 September 2022
Student name	Manivel Pandian R
Student name	910619106029
Max marks	2

Build a python code, assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

A screenshot of a Python IDE window titled 'main.py'. The code defines a variable 'temp' using 'random.random()' multiplied by 100, rounds it to 'roundTemp', and prints its value. An if-else statement checks if 'roundTemp' is greater than 30; if true, it prints 'The temperature is HIGH', otherwise it prints 'The temperature is LOW'. The output console at the bottom shows the execution results: 'The Temperature value is 28' and 'The temperature is LOW'.

```
1 import random
2
3 temp=(random.random()*100)
4 roundTemp=round(temp)
5
6 print("The Temperature value is",roundTemp)
7
8 if roundTemp>30:
9     print("The temperature is HIGH")
10 else:
11     print("The temperature is LOW")
12
```

input

The Temperature value is 28
The temperature is LOW