

Assignment Date	24 September 2022
Student Name	Abishek R
Student Roll Number	2019504503
Maximum Marks	2 Marks

## ASSIGNMENT-2

### PYTHON PROGRAMMING

#### Source code:

```
import
random
as rd

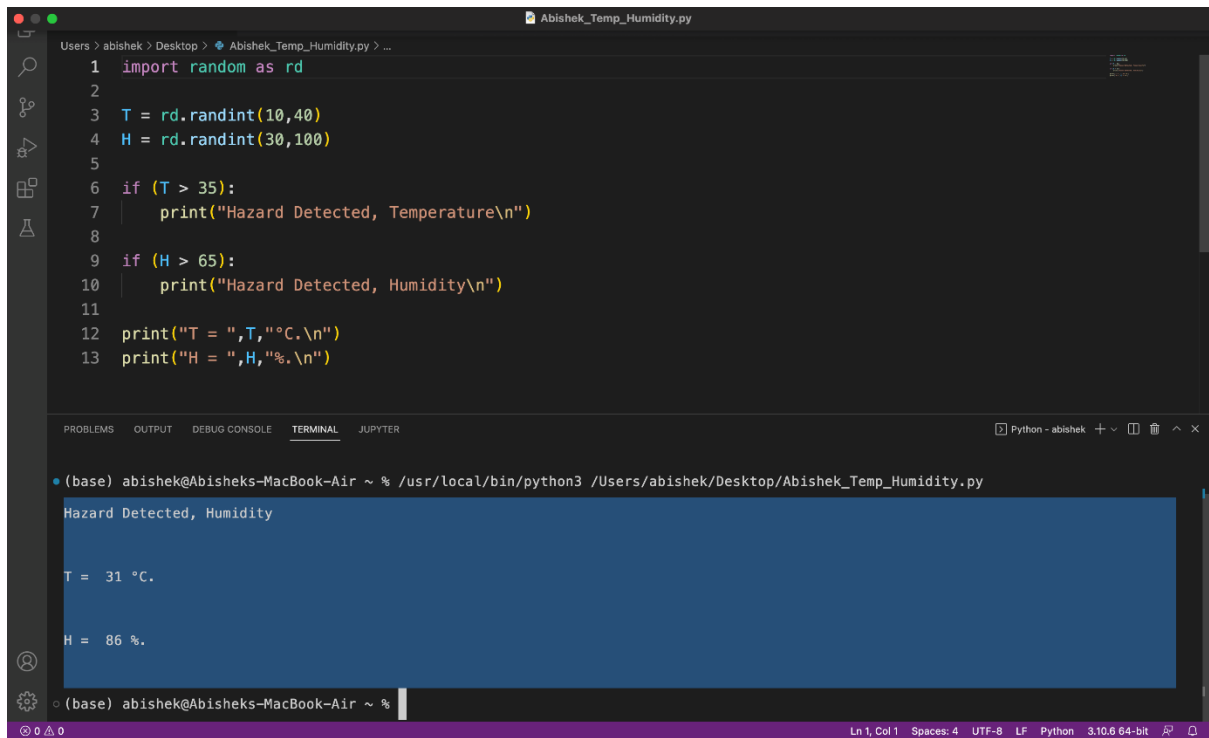
T = rd.randint(10,40)
H = rd.randint(30,100)

if (T > 35):
    print("Hazard Detected, Temperature\n")

if (H > 65):
    print("Hazard Detected, Humidity\n")

print("T = ",T,"°C.\n")
print("H = ",H,"%.\n")
```

#### Output:



The image shows a code editor window with a dark theme. The top part displays a Python script named `Abishek_Temp_Humidity.py`. The script imports the `random` module as `rd`, generates random values for temperature (`T`) and humidity (`H`), and checks for hazards based on these values. The bottom part shows a terminal window with the output of the script.

```
1 import random as rd
2
3 T = rd.randint(10,40)
4 H = rd.randint(30,100)
5
6 if (T > 35):
7     print("Hazard Detected, Temperature\n")
8
9 if (H > 65):
10     print("Hazard Detected, Humidity\n")
11
12 print("T = ",T,"°C.\n")
13 print("H = ",H,"%.\n")
```

The terminal output shows the following results:

```
(base) abishek@Abisheks-MacBook-Air ~ % /usr/local/bin/python3 /Users/abishek/Desktop/Abishek_Temp_Humidity.py
Hazard Detected, Humidity

T =  31 °C.

H =  86 %.
```

The status bar at the bottom indicates the current position is Line 1, Column 1, with 4 spaces, using UTF-8 encoding, LF line endings, Python 3.10.6 64-bit.