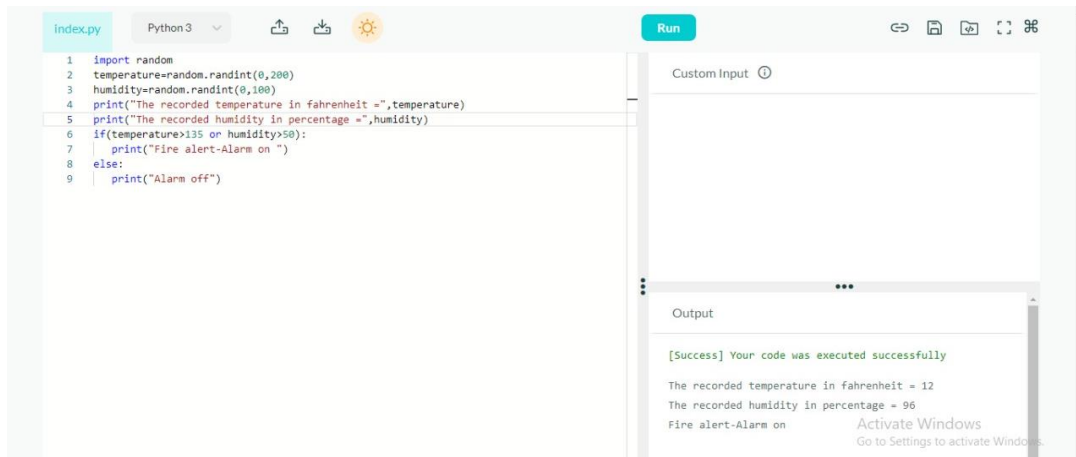


ASSIGNMENT-2

BUILD A PYTHON CODE ASSUME YOU GET TEMPERATURE AND HUMIDITY VALUES AND WRITE A CONDITION TO CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE.



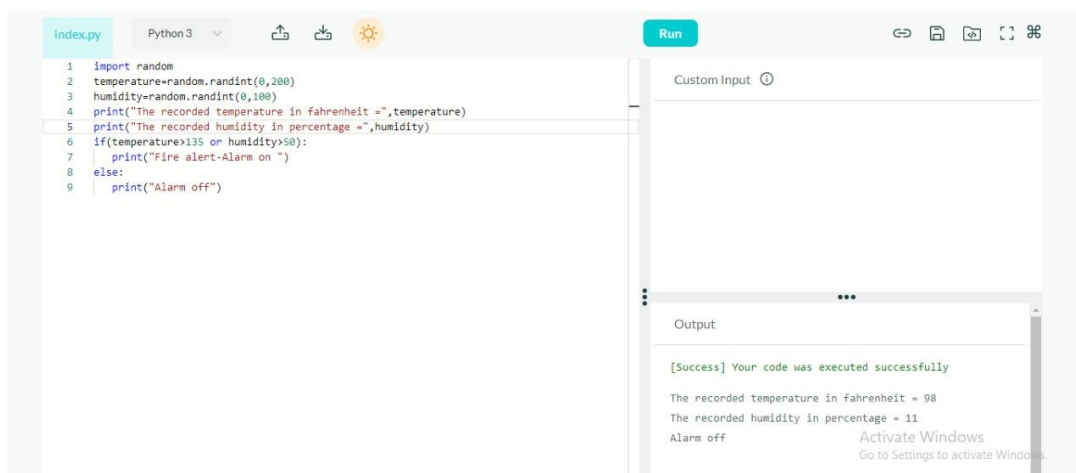
```
1 import random
2 temperature=random.randint(0,200)
3 humidity=random.randint(0,100)
4 print("The recorded temperature in fahrenheit =",temperature)
5 print("The recorded humidity in percentage =",humidity)
6 if(temperature>135 or humidity>50):
7     print("Fire alert-Alarm on ")
8 else:
9     print("Alarm off")
```

Custom Input

Output

[Success] Your code was executed successfully

The recorded temperature in fahrenheit = 12
The recorded humidity in percentage = 96
Fire alert-Alarm on



```
1 import random
2 temperature=random.randint(0,200)
3 humidity=random.randint(0,100)
4 print("The recorded temperature in fahrenheit =",temperature)
5 print("The recorded humidity in percentage =",humidity)
6 if(temperature>135 or humidity>50):
7     print("Fire alert-Alarm on ")
8 else:
9     print("Alarm off")
```

Custom Input

Output

[Success] Your code was executed successfully

The recorded temperature in fahrenheit = 98
The recorded humidity in percentage = 11
Alarm off