ASSIGNMENT -2

Name: Suresh Kumar Sankruthii

Topic: Assignment on temperature and humidity sensing and alarm automation using python

Code:

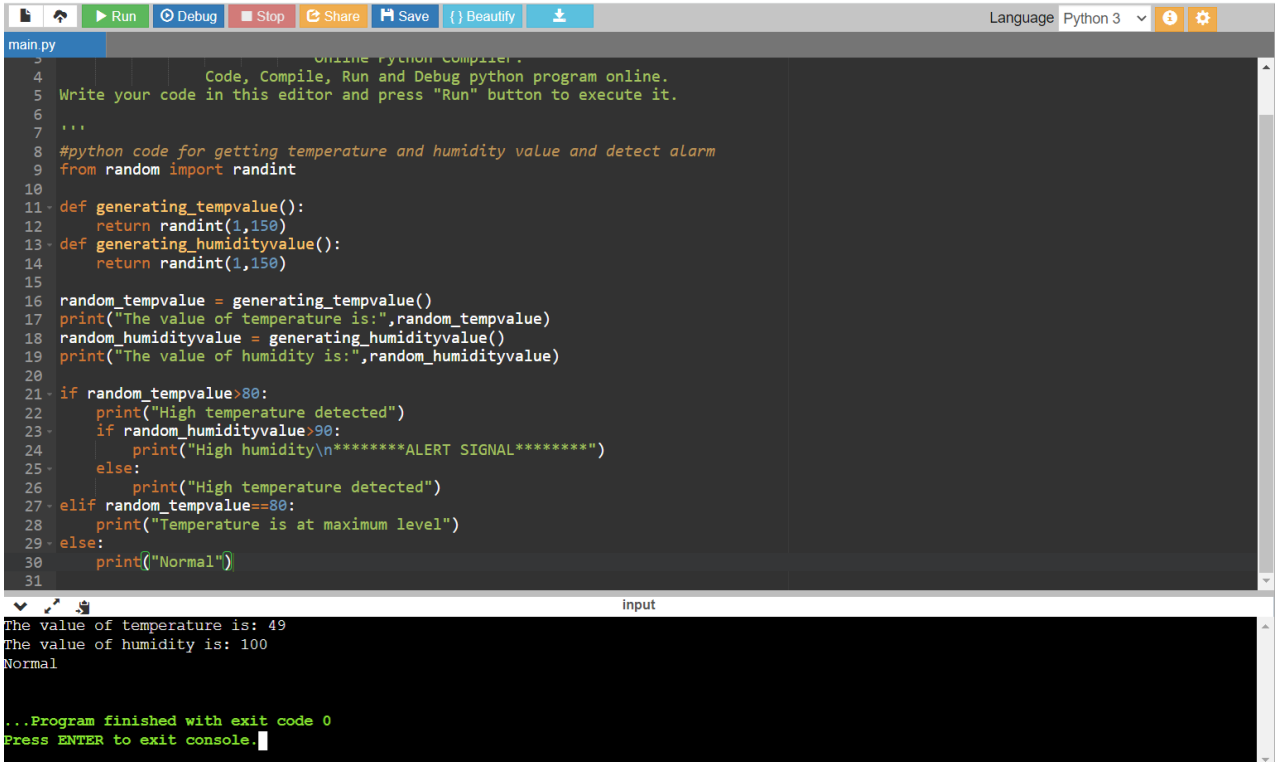
```
from random import randint


def generating_tempvalue():
    return randint(1,150)
def generating_humidityvalue():
    return randint(1,150)


random_tempvalue = generating_tempvalue()
print("The value of temperature is:",random_tempvalue)
random_humidityvalue = generating_humidityvalue()
print("The value of humidity is:",random_humidityvalue)


if random_tempvalue>80:
    print("High temperature detected")
    if random_humidityvalue>90:
        print("High humidity\n********ALERT SIGNAL********")
    else:
        print("High temperature detected")
elif random_tempvalue==80:
```

```
    print("Temperature is at maximum level")
else:
    print("Normal")
```



OUTPUT: