

KSR COLLEGE OF ENGINEERING,TIRUCHENGODE

Department of Information Technology

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IOT ASSIGNMENT-2

#python code for getting temperature and humidity value

```
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")
```