Assignment-2

```
Pythoncode importrandom
x=random.randint(1,100)
y=random.randint(1,50)
print("randomtemperatureandhumidityreading"
) if ((x<50)&(y<30)):
 print("temperatureisnormal:",x,"%")
 print("humidityisnormal:",y,"%")
 print("AlarmOff")
elif((x<50)&(y>30)):
 print("temperatureislow:",x,"%")
 print("humidityishigh:",y,"%")
 print("AlarmOff")
elif((x>50)&(y<30)):
 print("temperatureishigh:",x,"%")
 print("humidityishigh:",y,"%")
 print("AlarmOn")
elif((x>50)&(y>30)):
 print("temperatureishigh:",x,"%")
 print("humidityislow:",y,"%") print("AlarmOn")
else:
```

```
print("temperatureisverylow:",x,"%")
print("humidityisverylow:",y,"%")
print("AlarmOff")
```

Output

```
File Edit Format Run Options Window Help

Laport random
x=random.candint (1,100)
x=random.candint (1,100)
print("candom.candint (1,100)
print("candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.candom.cand
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