IBM NALAYATHIRAN

DOMAIN-IOT

ASSIGNMENT 2

TEMPERATURE AND HUMIDITY SENSING AND ALARM AUTOMATION USING PYTHON

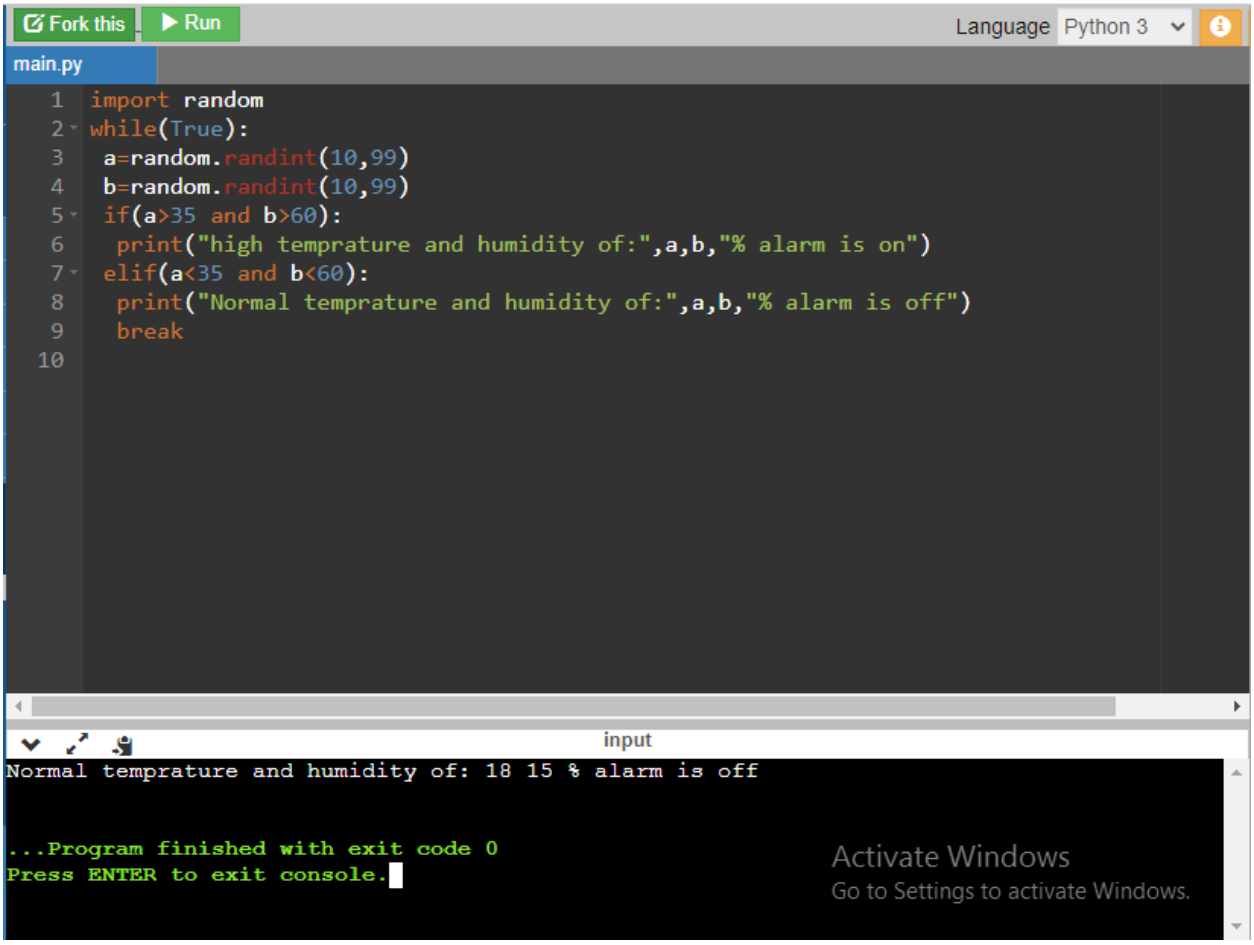
BY

Aarthi M L

CODE:

```
import random
while(True):
 a=random.randint(10,99)
 b=random.randint(10,99)
 if(a>35 and b>60):
  print("high temprature and humidity of:",a,b,"% alarm is on")
 elif(a<35 and b<60):
  print("Normal temprature and humidity of:",a,b,"% alarm is off")
  break
```

OUTPUT:


Fork this
Run
Language
Python 3
main.py
import random
while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>35 and b>60):
print("high temprature and humidity of:",a,b,"% alarm is on")
elif(a<35 and b<60):
print("Normal temprature and humidity of:",a,b,"% alarm is off")
break
input
Normal temprature and humidity of: 18 15 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
Activate Windows
Go to Settings to activate Windows.