ASSIGNMENT 2 : TEMPERATURE AND HUMIDITY SENSING AND ALARM AUTOMATION USING PYTHON CODE

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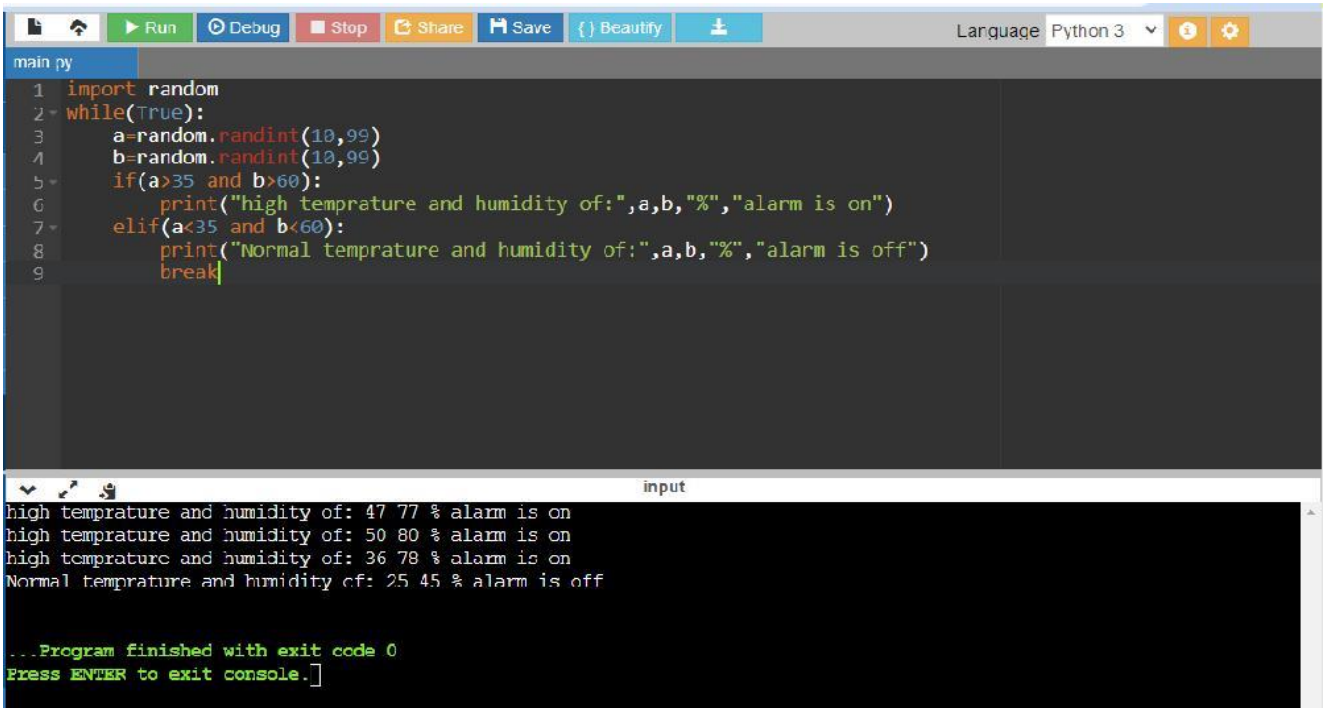
BATCH NO : B1-1M3E

TOPIC : IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

CODE:

```
import randomwhile(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:


Run
Debug
Stop
Share
Save
{ } Beautify
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
high temprature and humidity of: 47 77 % alarm is on
high temprature and humidity of: 50 80 % alarm is on
high temprature and humidity of: 36 78 % alarm is on
Normal temprature and humidity of: 25 45 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.