BATCH NO **:** B1-1M3E
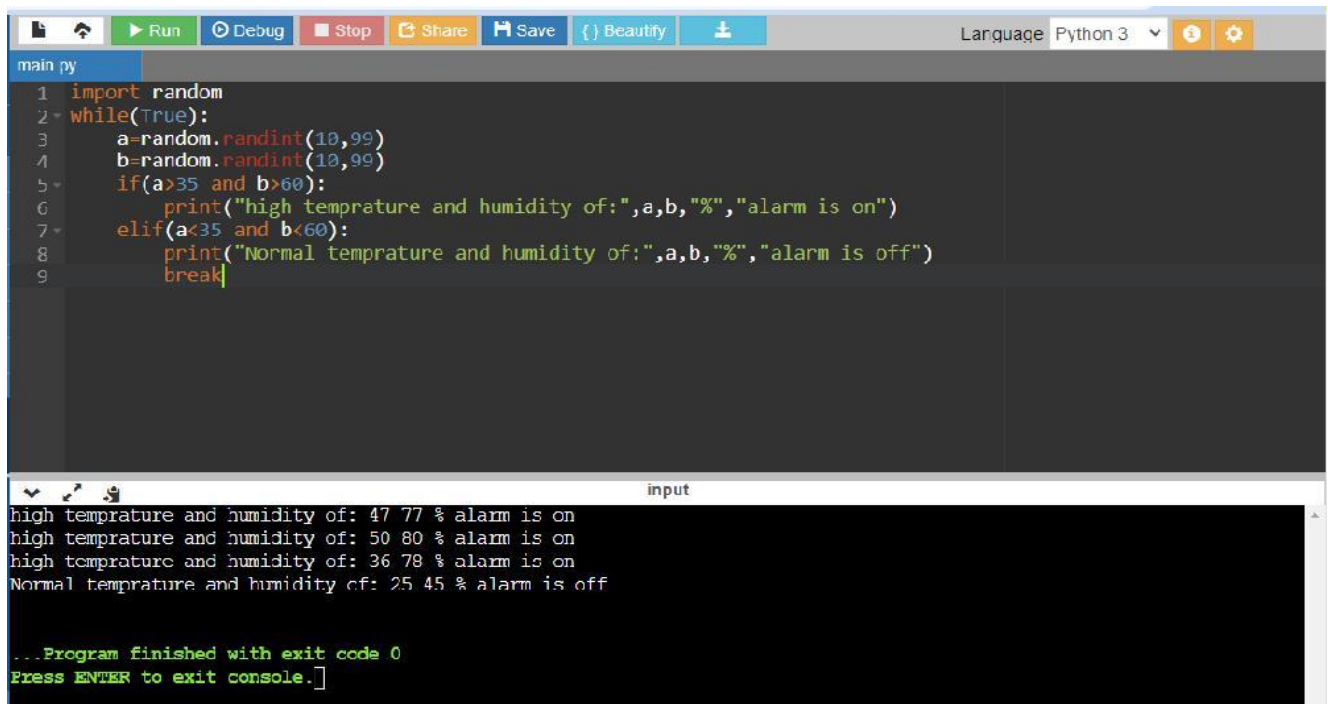
SUBMITTED BY **:** M. BHUVANESHWARI

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

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

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:

```python
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
```

```
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.
```