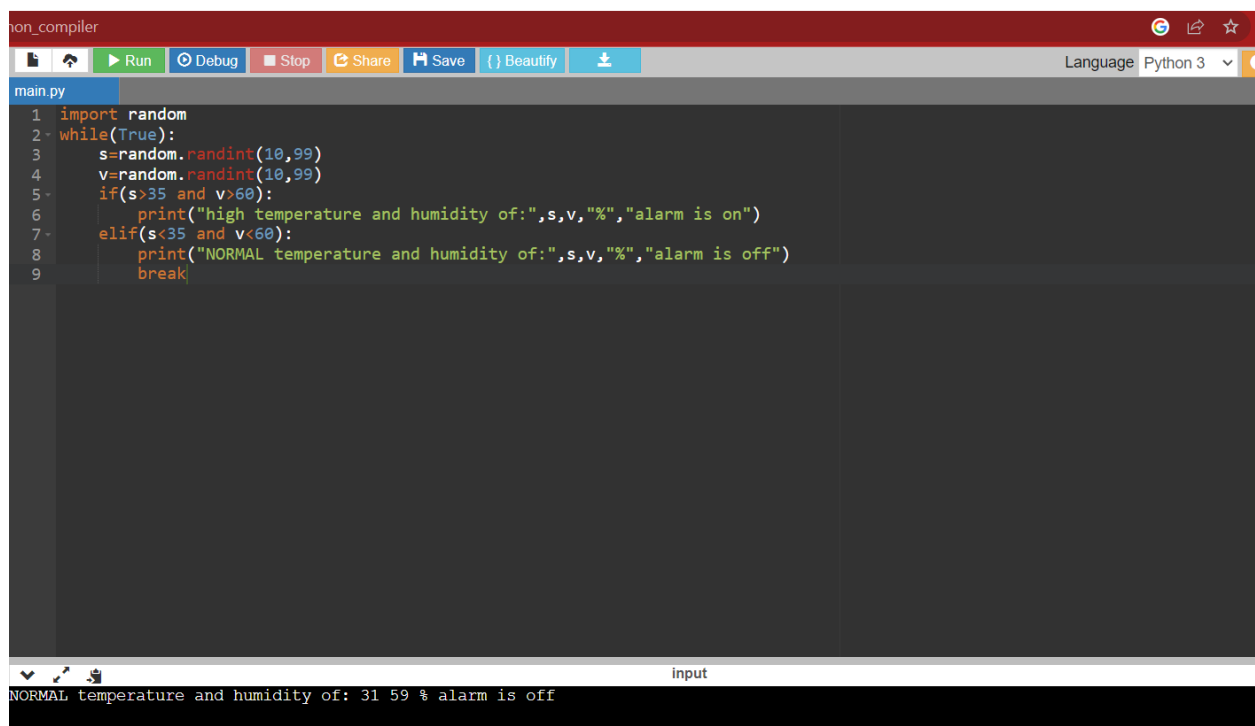


BATCH NO : B6-6M2E  
SUBMITTED BY : SIVACHANDRAN R  
TOPIC : IOT BASED SAFETY  
GADGET FOR CHILD SAFETY  
MONITORING AND NOTIFICATION  
ASSIGNMENT 2 : ASSIGNMENT ON  
TEMPERATURE AND HUMIDITY SENSING  
AND ALARM AUTOMATION USING  
PYTHON CODE

A screenshot of a Python IDE window titled 'non\_compiler'. The window has a menu bar with 'Run', 'Debug', 'Stop', 'Share', 'Save', 'Beautify', and a download icon. The language is set to 'Python 3'. The code in 'main.py' is as follows:

```
1 import random
2 while(True):
3     s=random.randint(10,99)
4     v=random.randint(10,99)
5     if(s>35 and v>60):
6         print("high temperature and humidity of:",s,v,"%","alarm is on")
7     elif(s<35 and v<60):
8         print("NORMAL temperature and humidity of:",s,v,"%","alarm is off")
9     break
```

The output at the bottom shows 'NORMAL temperature and humidity of: 31 59 % alarm is off'.

CODE :

```
import random
```

```
while(True):
    s=random.randint(10,99)
    v=random.randint(10,99)
    if(s>35 and v>60):
        print("high temperature and humidity
of:",s,v,"%","alarm is on")
    elif(s<35 and v<60):
        print("NORMAL temperature and humidity
of:",s,v,"%","alarm is off")
        break
```