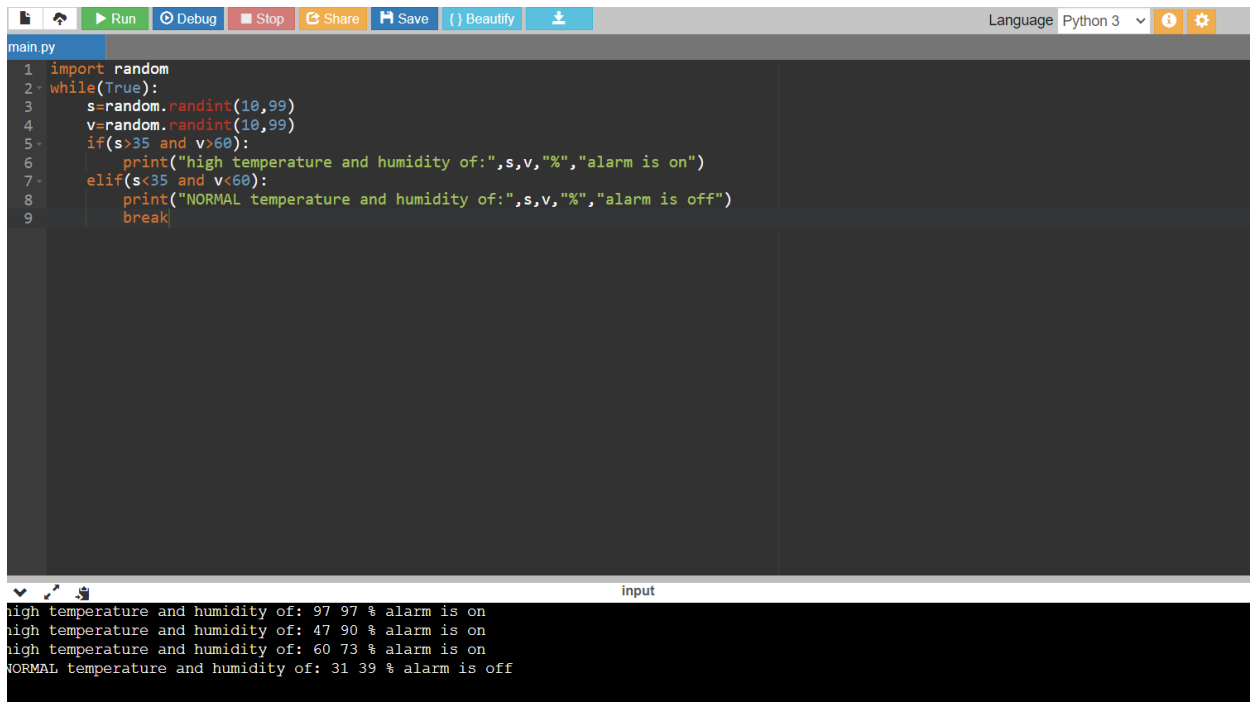


BATCH NO : B6-6M2E
SUBMITTED BY : SIVACHANDRAN R
TOPIC : IOT BASED SAFETY
GADGET FOR CHILD SAFETY
MONITORING AND NOTIFICATION
ASSIGNMENT 2 : ASSIGNMENT ON
TEMPERATURE AND HUMIDITY SENSING
AND ALARM AUTOMATION USING
PYTHON CODE



The screenshot shows a Python IDE window titled 'main.py'. The code 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 window at the bottom shows the following results:

```
high temperature and humidity of: 97 97 % alarm is on
high temperature and humidity of: 47 90 % alarm is on
high temperature and humidity of: 60 73 % alarm is on
NORMAL temperature and humidity of: 31 39 % 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
```