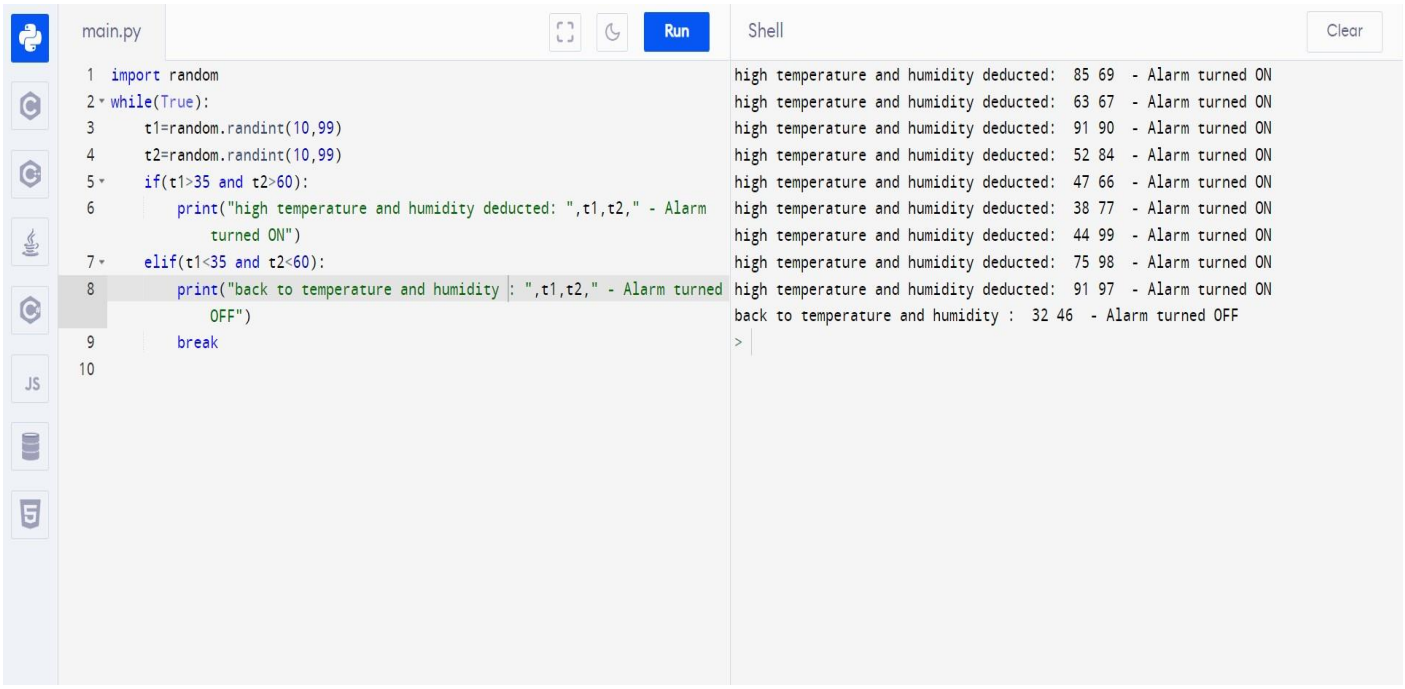
Topic : Assignment on temperature and humidity sensing and alarmautomation using python

Code:-

```
import random
while(True):
    t1=random.randint(10,99)
    t2=random.randint(10,99)
    if(t1>35 and t2>60):
        print("high temperature and humidity deducted: ",t1,t2," - Alarm turned ON")
    elif(t1<35 and t2<60):
        print("back to temperature and humidity : ",t1,t2," - Alarm turned OFF")
        break
```

OUTPUT:


main.py
Run
Shell
Clear
1 import random
2 while(True):
3 t1=random.randint(10,99)
4 t2=random.randint(10,99)
5 if(t1>35 and t2>60):
6 print("high temperature and humidity deducted: ",t1,t2," - Alarm turned ON")
7 elif(t1<35 and t2<60):
8 print("back to temperature and humidity : ",t1,t2," - Alarm turned OFF")
9 break
10
high temperature and humidity deducted: 85 69 - Alarm turned ON
high temperature and humidity deducted: 63 67 - Alarm turned ON
high temperature and humidity deducted: 91 90 - Alarm turned ON
high temperature and humidity deducted: 52 84 - Alarm turned ON
high temperature and humidity deducted: 47 66 - Alarm turned ON
high temperature and humidity deducted: 38 77 - Alarm turned ON
high temperature and humidity deducted: 44 99 - Alarm turned ON
high temperature and humidity deducted: 75 98 - Alarm turned ON
high temperature and humidity deducted: 91 97 - Alarm turned ON
back to temperature and humidity : 32 46 - Alarm turned OFF
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