

## ASSIGNMENT-2

NAME: *Devi k*

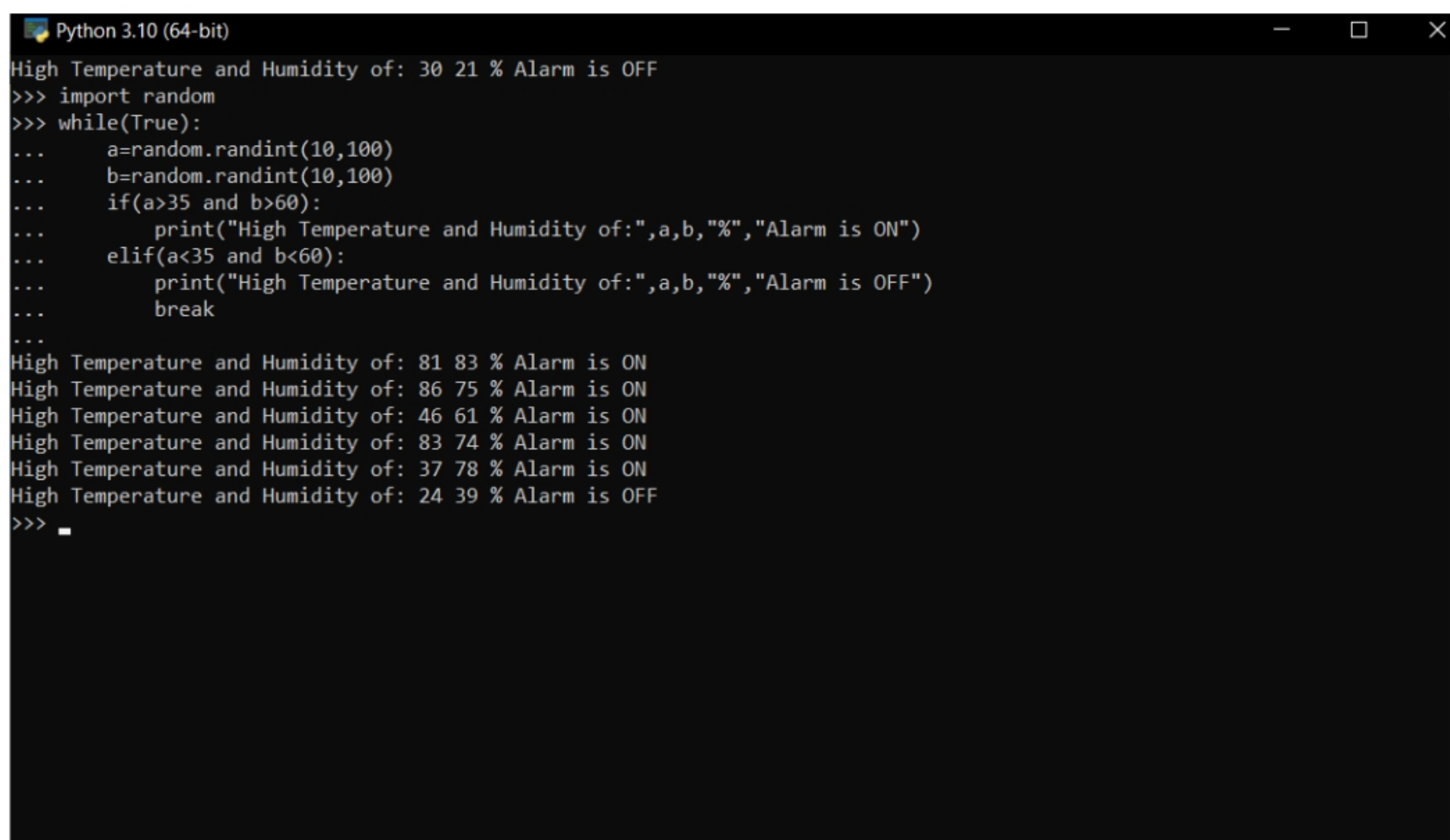
TEAM ID: PNT2022TMID41836

ROLL NO: 622419104010

### PROGRAM:

```
import
random
while
(True):
    a=random.randint(10,1
    00)\b=random.randint(
    10,100)\i f(a>35
    andb>60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm
        is ON")elif (a<35 andb<60):
            print("High Temperature and Humidity of:",a,b,"%","Alarm
            is OFF")break
```

### SCREENSHOT OUTPUT



```
Python 3.10 (64-bit)
High Temperature and Humidity of: 30 21 % Alarm is OFF
>>> import random
>>> while(True):
...     a=random.randint(10,100)
...     b=random.randint(10,100)
...     if(a>35 and b>60):
...         print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
...     elif(a<35 and b<60):
...         print("High Temperature and Humidity of:",a,b,"%","Alarm is OFF")
...         break
...
High Temperature and Humidity of: 81 83 % Alarm is ON
High Temperature and Humidity of: 86 75 % Alarm is ON
High Temperature and Humidity of: 46 61 % Alarm is ON
High Temperature and Humidity of: 83 74 % Alarm is ON
High Temperature and Humidity of: 37 78 % Alarm is ON
High Temperature and Humidity of: 24 39 % Alarm is OFF
>>> _
```

