<div align="center">Assignment – 2</div>

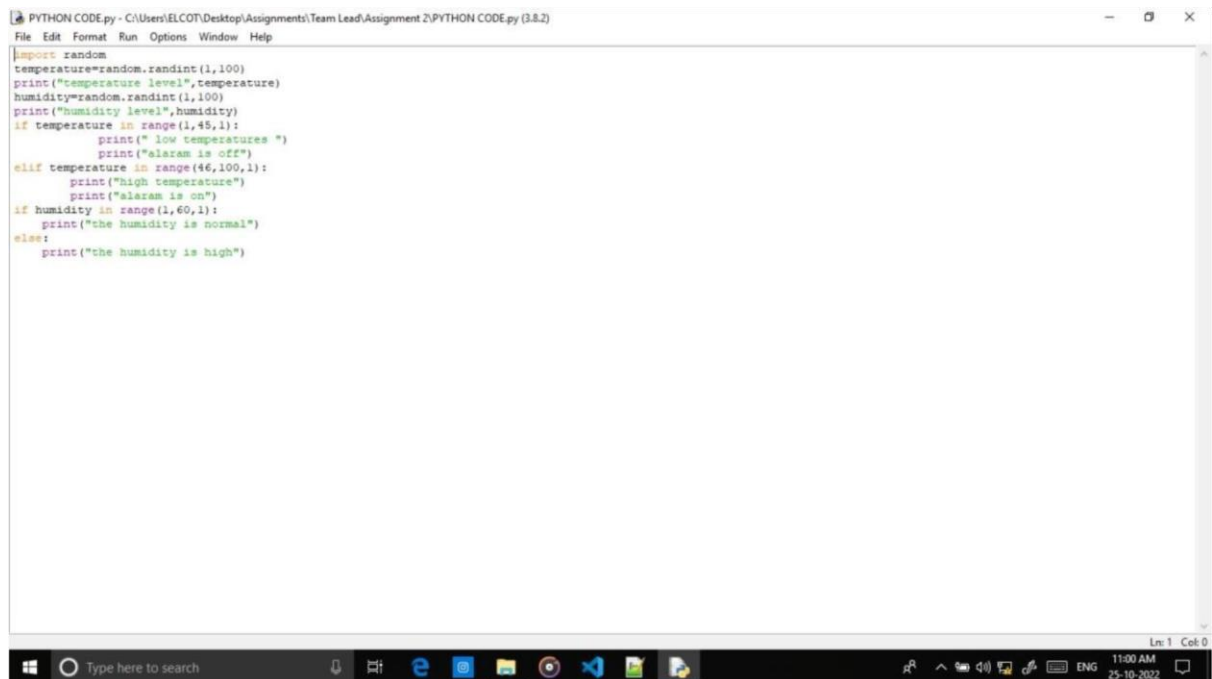| studentname	T.Dharun
Register number	821719104007
Maximum marks	2

Question 1:

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Solution:

```
import                    random

temperature=random.randint(1,100)

print("temperature level",temperature)

humidity=random.randint(1,100)

print("humidity level",humidity)

if temperature in range(1,45,1):

        print(" low  temperatures  ")

        print("alaram is off")

elif temperature in range(46,100,1):

    print("high temperature")

    print("alaram is on") if

humidity in range(1,60,1):

  print("the humidity is normal")

else:
```
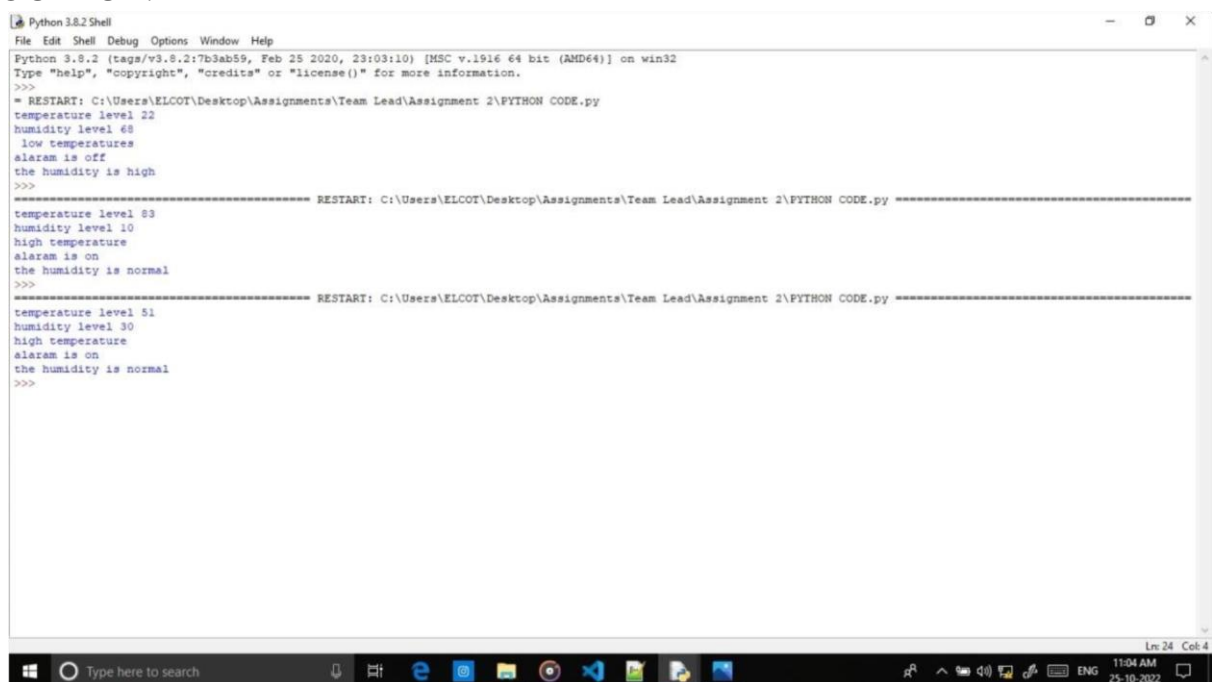
print("the humidity is high")

OUTPUT: