Assignment – 2

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Maximum marks	2

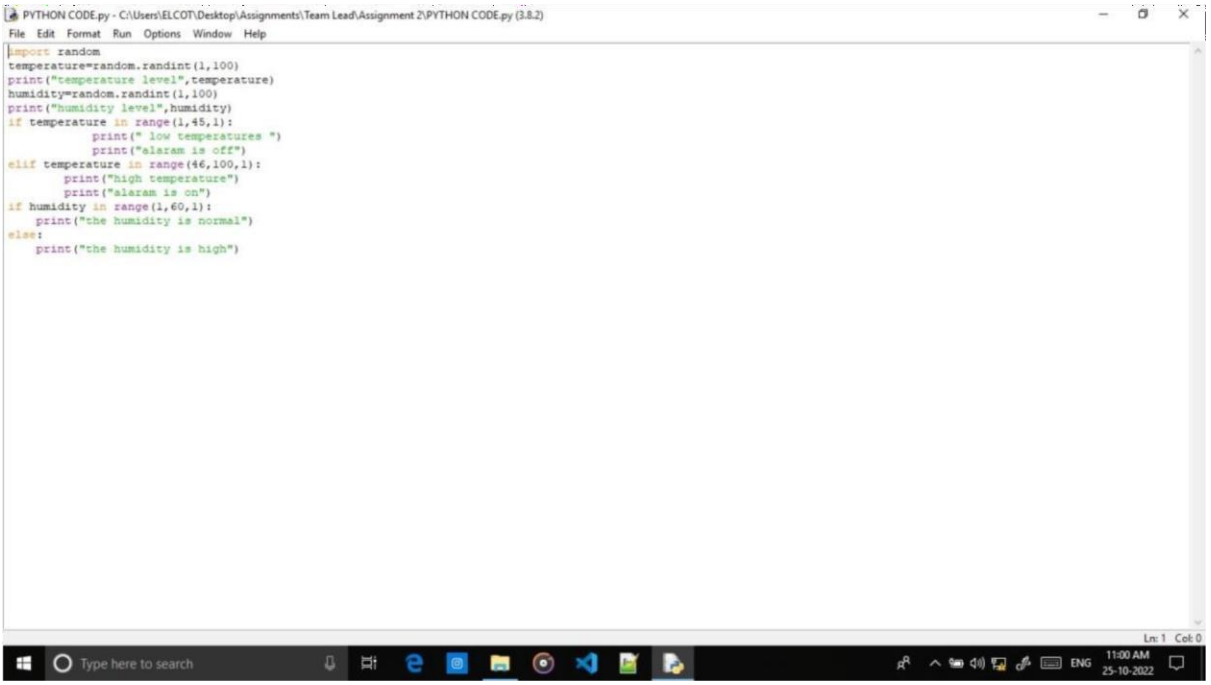
Question 1:

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: