ASSIGNMENT-2

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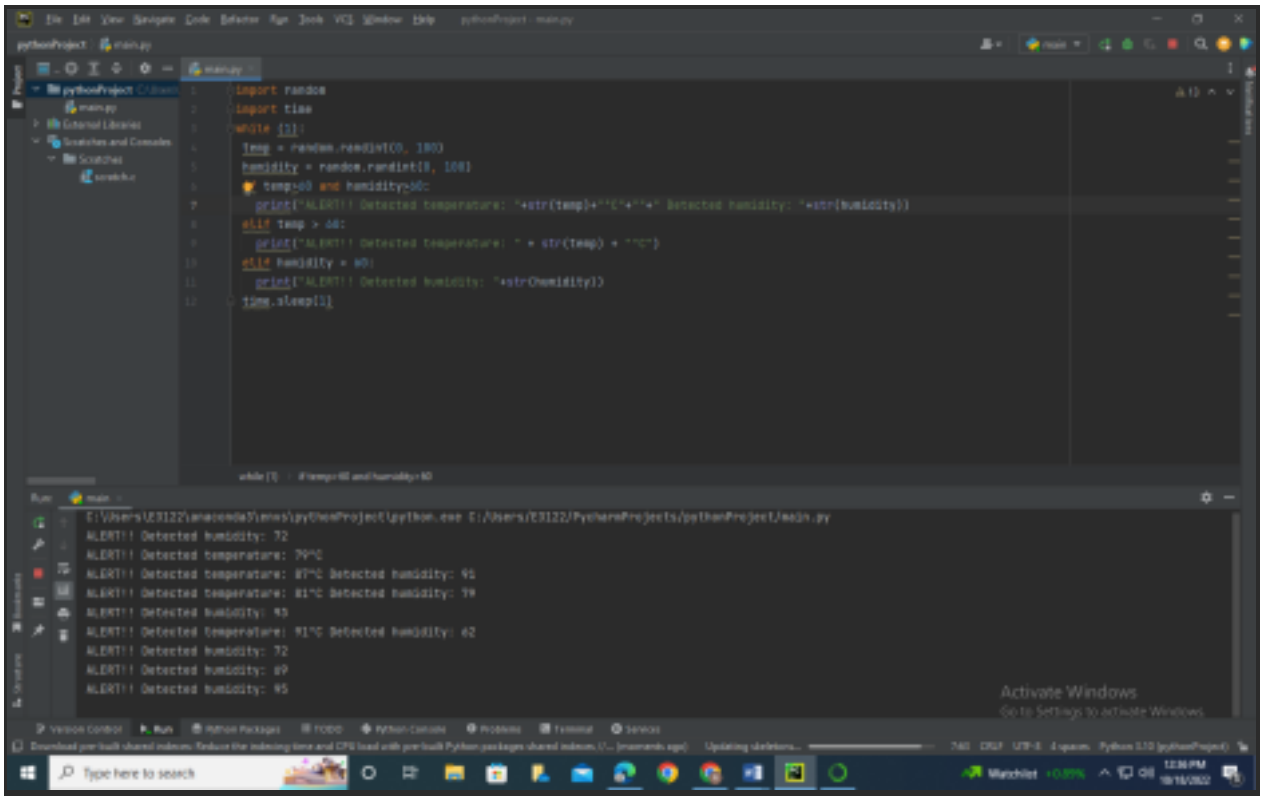
Question-1: Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Python code:

```
import random
import time
while (1):
  temp = random.randint(0, 100)
  humidity = random.randint(0, 100)
  if temp>60 and humidity>60:
  print("ALERT!! Detected temperature: "+str(temp)+"°C"+""+" Detected
humidity: "+str(humidity))
  elif temp > 60:
  print("ALERT!! Detected temperature: " + str(temp) + "°C")
  elif humidity > 60:
  print("ALERT!! Detected humidity: "+str(humidity))
  time.sleep(1)
```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elif temp > 60:
print("ALERT!! Detected temperature: " + str(temp) + "°C")
elif humidity > 60:
print("ALERT!! Detected humidity: "+str(humidity))
time.sleep(1)
C:\Users\E3122\anaconda3\envs\pythonProject\python.exe C:/Users/E3122/PycharmProjects/pythonProject/main.py
ALERT!! Detected humidity: 72
ALERT!! Detected temperature: 79°C
ALERT!! Detected temperature: 87°C Detected humidity: 91
ALERT!! Detected temperature: 81°C Detected humidity: 79
ALERT!! Detected humidity: 93
ALERT!! Detected temperature: 91°C Detected humidity: 62
ALERT!! Detected humidity: 72
ALERT!! Detected humidity: 89
ALERT!! Detected humidity: 95
Activate Windows
Type here to search