ASSIGNMENT-2

PYTHON PROGRAMMING

| Assignment Date | 15 October 2022 |
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| Student Name | Preethi Govindaraj |
| Student Roll Number | 312319106123 |
| Maximum Marks | 2 Marks |

QUESTION:

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
import time
while True:
  temp = random.randrange(25, 50)
  humid = random.randrange(10, 100)
  print("Temperature:", temp, "degree Celsius")
  print("Humidity:", humid, "%")
  if humid > 70:
    print("Very Humid Weather")
  elif humid < 55:
    print("Dry and Comfortable weather")
  else:
    print("Sticky Weather")
  if temp > 33:
    print("High Temperature")
    print("WARNING!! ALARM ON\n")
  else:
    print("Low Temperature\n")
  time.sleep(2)
```

PROGRAM AND OUTPUT:

