**Assignment-2**

Python Programming

| Assignment Date | 21 September 2022 |
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**Question-1:**

**Write a python program to monitor temperature and humidity and display alert message that uses random function from numpy for random generation of temperature and humidity.**

**Solution:**

**from numpy import random**

**a=random.randint(100)**

**b=random.randint(100)**

**print("Temperature in celsius: ")**

**print(a)**

**print("Humidity in percentage: ")**

**print(b)**

**if(a>45):**

**if(b>50):**

**print("DANGER!!")**

**print("ALERT detected for both temperature and humidity")**

**else:**

**print("ALERT detected only for temperature")**

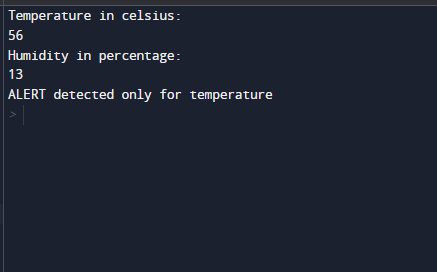
**elif(a==30):**

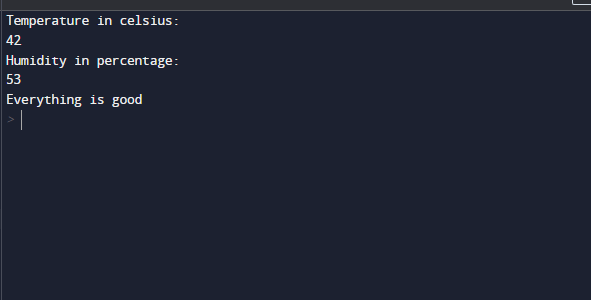
**print("Temperature reaches its threshold")**

**else:**

**print("Everything is good")**

**Output:**

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