Python Programming

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| Assignment Date | 19 September 2022 |
| Student Name | ELAYABHARATHI N |
| Student Roll Number | 211519106039 |
| Maximum Marks | 2 Marks |

Assignment 2:

Build a python code , assume you 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.

import random

import time

while True:

temperature = random.randint(32, 212)

humidity = random.randint(0, 100)

print("Temperature is : "+str(temperature)+"°F")

print("Temperature in celsius : "+str(((temperature-32)\*5)//9)+"℃")

print("The Humidity is : "+str(humidity)+"%")

if (temperature >= 100):

print("High Temperature Alert : "+str(temperature)+"°F")

time.sleep(10)

OUTPUT:

