ASSIGNMENT – 2

Python Coding

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| Assignment Date | 17th September, 2022 |
| Student Name | Deepajothi s.k |
| Register Number | 2019504016 |
| Maximum Marks | 2Marks |

**Question**

Built a python code assume you get the temperature and humidity values (generated with random function to a variable ) write a condition to continuously detect alarm in case of high temperature.

**Solution**

import random

import time

i=0

while(i<5):

temperature=random.randint(20, 30)

print("Temperature is ",temperature,"degree celsius")

Humidity=random.randint(30, 40)

print("Humidity is ",Humidity,"Percentage")

if (temperature>=24):

print("Temperature is high")

print("Alarm on")

else:

print("Alarm off")

i=i+1

time.sleep(3)

**Result**