|  |  |
| --- | --- |
| ASSIGNMENT DATE | 27.09.2022 |
| STUDENT NAME | T SOWNTHAR RAJAN |
| STUDENT ROLL NUMBER | 713119104018 |
| MAXIMUM 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

while(True):

    a=random. randint(10,99)

    b=random. randint(10,99)

    if(a>35 and b<60):

        print("high temprature and humidity of :",a,b,"%", "alarm is on")

    elif(a<35 and b>60):

        print("Normal temprature and humidity of:",a,b,"%","alarm is off")

        break

**OUTPUT:**

