|  |  |
| --- | --- |
| ***PROJECT NAME:*** | ***IOT Based Smart Crop Protection System for Agriculture*** |

**ASSIGNMENT – 2**

**Python Programming**

|  |  |
| --- | --- |
| Assignment Date | 28 September 2022 |
| Student Name | K.Sakthi Priya |
| Student Roll Number | 411719106046 |
| Maximum Marks | 2 Marks |

**QUESTION:**

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.

**SOLUTION:**

import random

i=5

while(True):

a=random.randint(10,100)

b=random.randint(10,100)

if(a>35 and b<65):

print("HIGH TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS ON")

elif(a<35 and b>65):

print("NORMAL TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS OFF")

if(i<55):

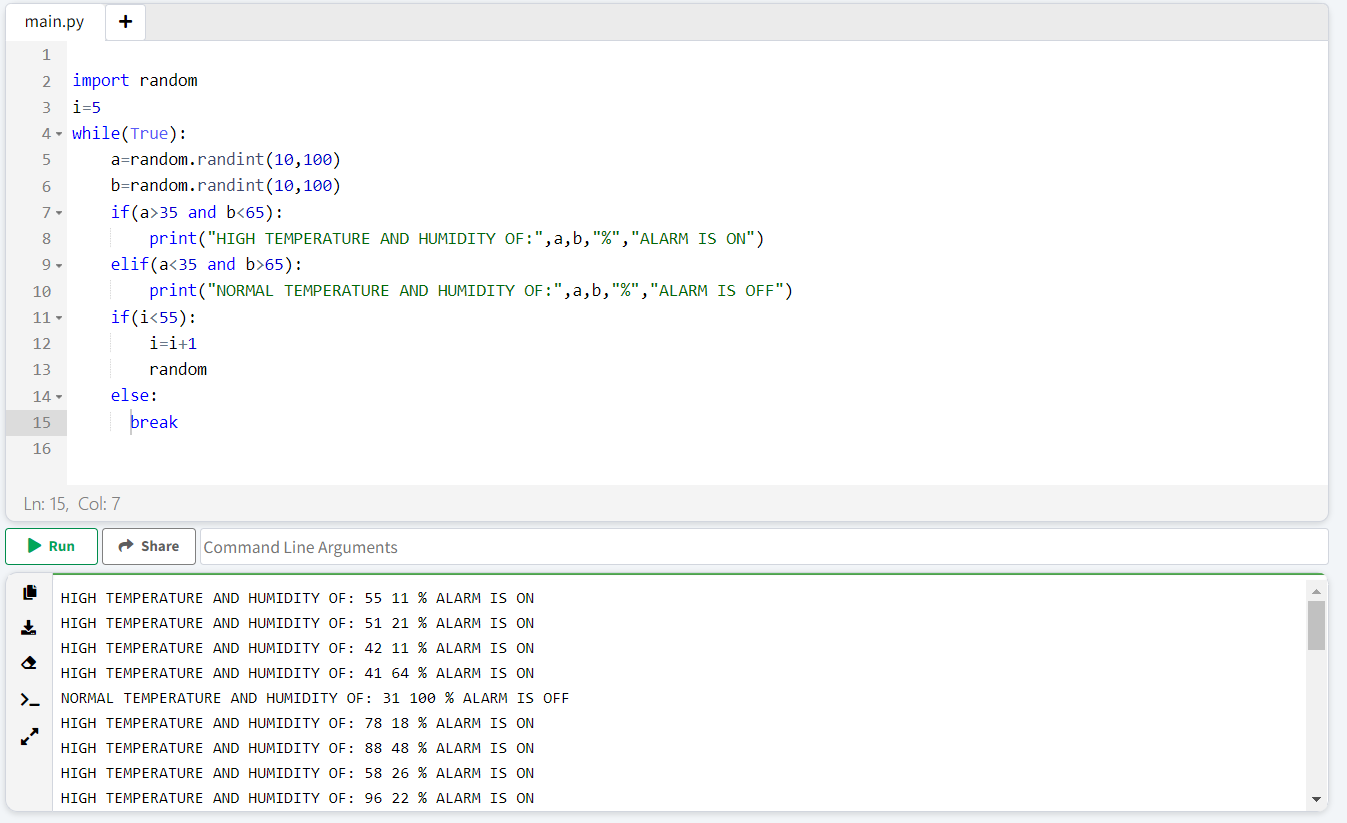
i=i+1

random

else:

break

**OUTPUT:**

****