# ASSIGNMENT – 2

## PYTHON PROGRAMMING

| ASSIGNMENT DATE | 13 OCTOBER 2022 |
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| STUDENT NAME | M. PRIYADHARSHINI |
| STUDENT ROLL NUMBER | 312319106124 |
| MAXIMUM MARKS | 2 MARKS |

**QUESTION – 1**

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:

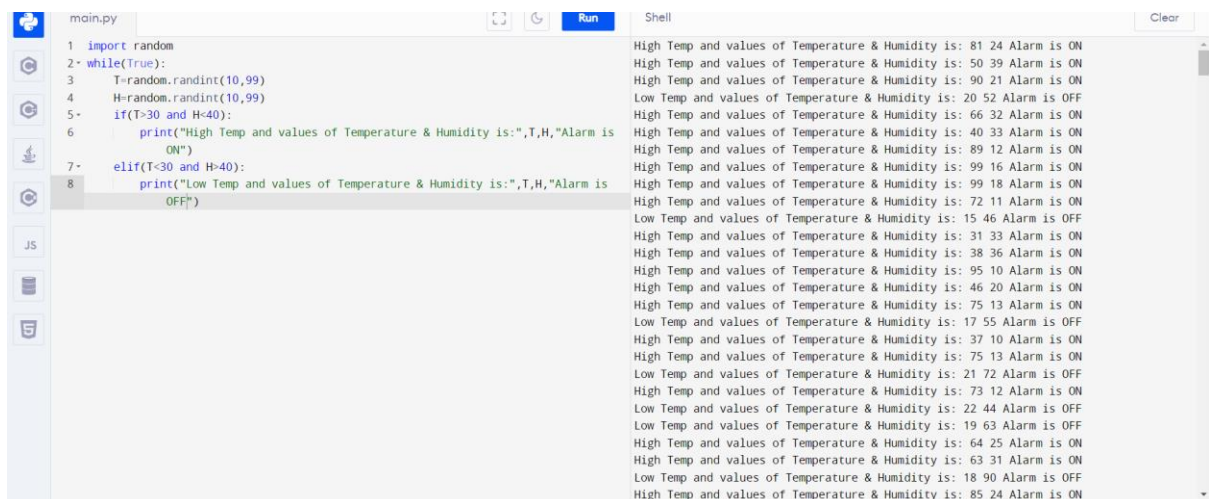import random

while(True):

   T=random.randint(10,99)

   H=random.randint(10,99)

   if(T>30 and H<40)

     print("High Temp and Values of Temperature & Humidity is:",T,H,"Alarm is ON")

   elif(T<30 and H>40):

     print("Low Temp and Values of Temperature & Humidity is: ",T,H,"Alarm is OFF")