**Assignment -2**

PYTHON PROGRAMMING

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| Assignment Date | 19 September 2022 |
| Student Name | **Ms. JAYASHREE S** |
| Student Roll Number | **911019106004** |
| 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

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| **Solution:** |

**PROGRAM:**

**import random**

**while (True):**

**temperature1=20**

**temperature2 =45**

**temperature3 =63**

**temperature4 =78**

**temperature5 =99**

**humidity1=56**

**humidity2=75**

**humidity3=78**

**humidity4=82**

**humidity5=120**

**temperature=random.randint(5,100)**

**humidity=random.randint(5,200)**

**print('Temperature=',temperature1,temperature2,temperature3,temperature4,temperature5)**

**print('Humidity=',humidity1,humidity2,humidity3,humidity4,humidity5)**

**if(temperature>35 and humidity>60):**

**print('high temperature and humidity of' ,'temperature,humidity','%','alaram is on')**

**elif (temperature<35 and humidity<60):**

**print('Normal temperature and humidity of','temperature,humidity','%','alaram is off')**

**break**

**OUTPUT:**

