Assignment -2

Python programming

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| Assignment Date | September 2022 |
| Student Name | NK Sowmiya |
| Student Roll Number | 910619104084 |
| Maximum Marks | 2 Marks |

Question-1:

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

SOLUTION:

import random

while True:

a=random.randint(35,100) b=random.randint(50,100)

print("-------------------------------------") if a>40:

print("High temperature is detetcted") print("Buzzer on,alarm sound is high") elif a==40:

print("Temprature reached maximum thershold of 40 degrees celsius")

else:

print("Good temperature")

#for Humidity

if b>60 :

print("High humidity is detetcted") print("Buzzer on,alarm sound is high") elif a == 60:

print("Humidity reached maximum thershold of 65 percent")

else:

print("good humidity")

output:

