**Assignment -2**

Python Programming

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

def temperature():

value=random.randint(25,100)

#print(value)

return value

t=temperature()

def humidity():

range=random.randint(40,100)

#print(range)

return range

h=humidity()

#for temperature

if t>30:

print("High temperature detetcted")

elif t==30:

print("Temprature reached maximum thershold of 30 degrees celsius")

else:

print("Temperature is good")

#for Humidity

if h>65 :

print("High humidity detetcted")

elif t == 65:

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

else:

print("Humidity is good")