**ASSIGNMENT-2**

**PROGRAM:**

import random

n = 10

while n > 0:

temperature = random.randint(1,100)

humidity = random.randint(1,100)

if( temperature > 75 and humidity < 50):

print("Temperature:",temperature,"Humidity:",humidity)

print("ALARM")

elif( temperature < 10 and humidity < 40):

print("Temperature:",temperature,"Humidity :",humidity)

print("ALARM")

elif(temperature > 80):

print("High Temperature Detected",temperature,"Celsius")

print("ALARM")

else:

print("Normal")

print("NO ALARM")

n = n - 1