**ASSIGNMENT-2**

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| Assignment Date | 30 September 2022 |
| Student Name | J. Vigneshwar |
| Student Roll Number | 311019205044 |
| Maximum Mark | 2 Marks |

**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