**NAME: BHAVATARINI.M**

**ROLL NO: 732919ECR018**

**ASSIGNMENT 2**

**Detect alarm incase of high temperature:**

import random from

time import sleep

while (True):

temperature = random.randrange(0, 100)

if (temperature >= 50):

humidity = random.randrange(0, 20)

else:

humidity = random.randrange(21, 50)

print("the temperature of the room is {} fahrenheit".format(temperature)) print("the humidity of the room is {}".format(humidity))

if (temperature > 60 and humidity < 50):

print("\*\*\*\*the alarm must be detected\*\*\*\*")

break sleep(2)

