

T. Anandh
(732919ECR007)
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)
```