Assignment 2:

```python
import random
threshold_temperature=80
threshold_humidity=40
while(True):
  temperature=random.randint(1,100)
  humidity=random.randint(1,50)
  print(humidity)
  print(temperature)
  if(temperature>threshold_temperature ):
      print("HIGH TEMPERATURE & ALARM ON")
  elif(humidity<threshold_humidity):
      print("LOW TEMPERATURE &ALARM TURNS OFF")
  else:
      print("NORMAL TEMPERATURE & ALARM TURNS OFF")
```

OUTPUT: