Assignment 2

```python
import random

from time import sleep

def generate_values():

  temperature = random.randint(10, 50)

  humidity = random.randint(10, temperature)

  return humidity, temperature

humidity = temperature = 0

while temperature < 45:

  humidity, temperature = generate_values()

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

  sleep(0.50)

print('High Temperature Detected')
```