

```
import random;
import time;

# while loop for repeated iterations.
while True:
    temperature = str(random.randrange(30,200)) #
    random values generated by randrange() function.
    humidity = str(random.randrange(0,100)) #
    random values generated by randrange() function.
    print("temperature : "+ temperature+" °F"+"\\n")
    # to print the temperature in °F.
    print("humidity : "+humidity+" %"+"\\n") # to
    print the humidity in %.
    if(int(temperature) >=100): # if condition to
    check temperature is high or not.
        print("high temperature : "+ temperature
        +" °F"+"\\n") # to print the temperature if it is high.
        time.sleep(5) # sleep() delays the iteration by 5
        seconds.
```

humidity : 51 %
high temperature : 114 °F
temperature : 67 °F
humidity : 83 %
temperature : 154 °F
humidity : 3 %
high temperature : 154 °F
temperature : 197 °F
humidity : 74 %
high temperature : 197 °F
temperature : 89 °F
humidity : 61 %
temperature : 132 °F
humidity : 4 %
high temperature : 132 °F
temperature : 55 °F
humidity : 94 %