

```

import
random

import time

while True:

    temp = random.randint(1,200)

    humidity = random.randint(1,100)

    print(f'Checking Temperature: {temp}C")

    print(f'Checking Humidity: {humidity}%")

    if temp>=80:
        print(f'Temperature is {temp}C\nAlarm Detected...")

    time.sleep(10)

```

The screenshot shows a Python IDE with a dark theme. The main editor window displays the following code:

```

1 import random
2 import time
3
4 while True:
5     temp = random.randint(1,200)
6     humidity = random.randint(1,100)
7     print(f'Checking Temperature: {temp}C")
8     print(f'Checking Humidity: {humidity}%")
9
10    if temp>=80:
11        print(f'Temperature is {temp}C\nAlarm Detected...")
12
13    time.sleep(10)

```

The Debug Console at the bottom shows the output of the script:

```

Checking Temperature:134C
Checking Humidity:61%
Temperature is 134C
Alarm Detected...
Checking Temperature:133C
Checking Humidity:78%
Temperature is 128C
Alarm Detected...

```

The status bar at the bottom indicates the file encoding is UTF-8, the Python version is 3.10, and the current time is 12:55 on 26-09-2022.