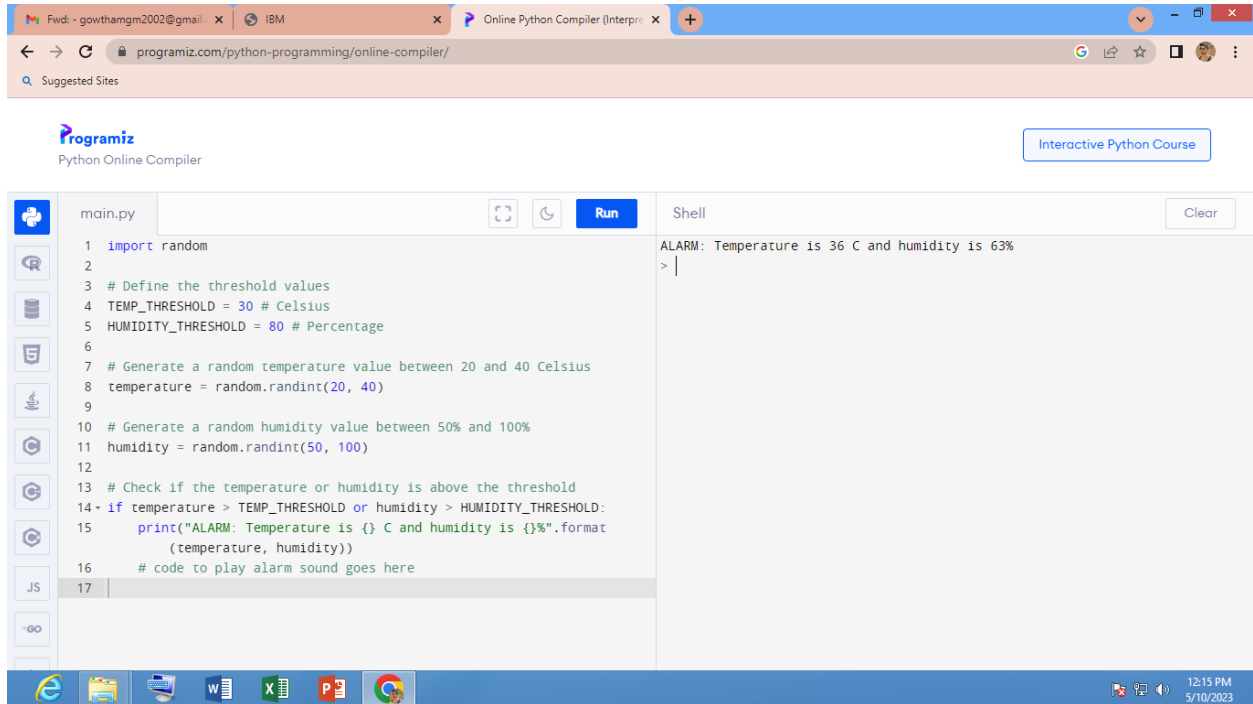


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The screenshot shows a web browser window with the URL `programiz.com/python-programming/online-compiler/`. The page features the Programiz logo and a button for an "Interactive Python Course". The main area is a code editor with a file named `main.py`. The code in the editor is as follows:

```
1 import random
2
3 # Define the threshold values
4 TEMP_THRESHOLD = 30 # Celsius
5 HUMIDITY_THRESHOLD = 80 # Percentage
6
7 # Generate a random temperature value between 20 and 40 Celsius
8 temperature = random.randint(20, 40)
9
10 # Generate a random humidity value between 50% and 100%
11 humidity = random.randint(50, 100)
12
13 # Check if the temperature or humidity is above the threshold
14 if temperature > TEMP_THRESHOLD or humidity > HUMIDITY_THRESHOLD:
15     print("ALARM: Temperature is {} C and humidity is {}".format(
16         temperature, humidity))
16     # code to play alarm sound goes here
17
```

On the right side of the editor is a "Shell" window showing the output of the code:

```
ALARM: Temperature is 36 C and humidity is 63%
> |
```

The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 12:15 PM on 5/10/2023.

SKETCH.INFO

import random

Define the threshold values

TEMP_THRESHOLD = 30 # Celsius

HUMIDITY_THRESHOLD = 80 # Percentage

Generate a random temperature value between 20 and 40 Celsius

temperature = random.randint(20, 40)

Generate a random humidity value between 50% and 100%

humidity = random.randint(50, 100)

```
# Check if the temperature or humidity is above the threshold  
if temperature > TEMP_THRESHOLD or humidity > HUMIDITY_THRESHOLD:  
    print("ALARM: Temperature is {} C and humidity is {}%".format(temperature, humidity))  
    # code to play alarm sound goes here
```