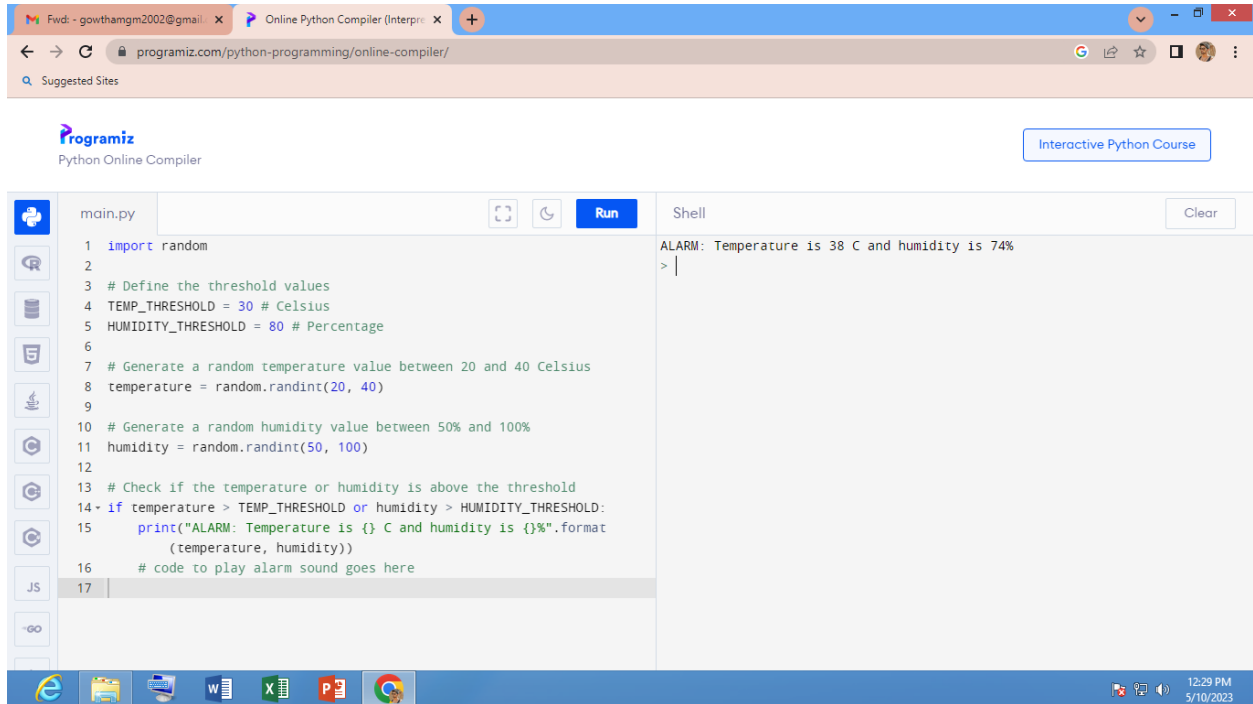


**KIRUBANITHI S**

**732720106013**



```
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
```

ALARM: Temperature is 38 C and humidity is 74%

> |

## 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
```