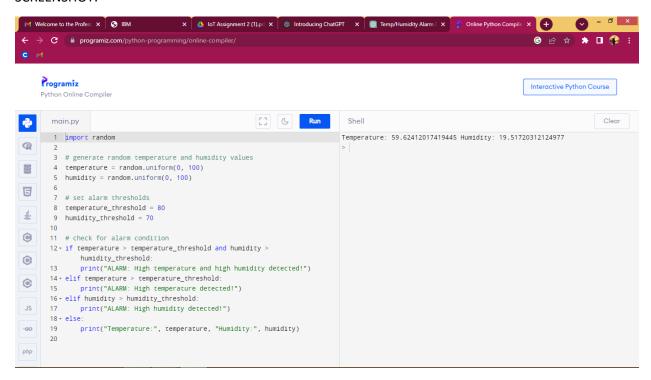
KAMALESHWARI M

732720121019

SCREENSHOT:



PROGRAM:

import random

generate random temperature and humidity values

temperature = random.uniform(0, 100)

humidity = random.uniform(0, 100)

set alarm thresholds

temperature_threshold = 80

humidity_threshold = 70

check for alarm condition

```
if temperature > temperature_threshold and humidity > humidity_threshold:
    print("ALARM: High temperature and high humidity detected!")
elif temperature > temperature_threshold:
    print("ALARM: High temperature detected!")
elif humidity > humidity_threshold:
    print("ALARM: High humidity detected!")
else:
    print("Temperature:", temperature, "Humidity:", humidity)
```