

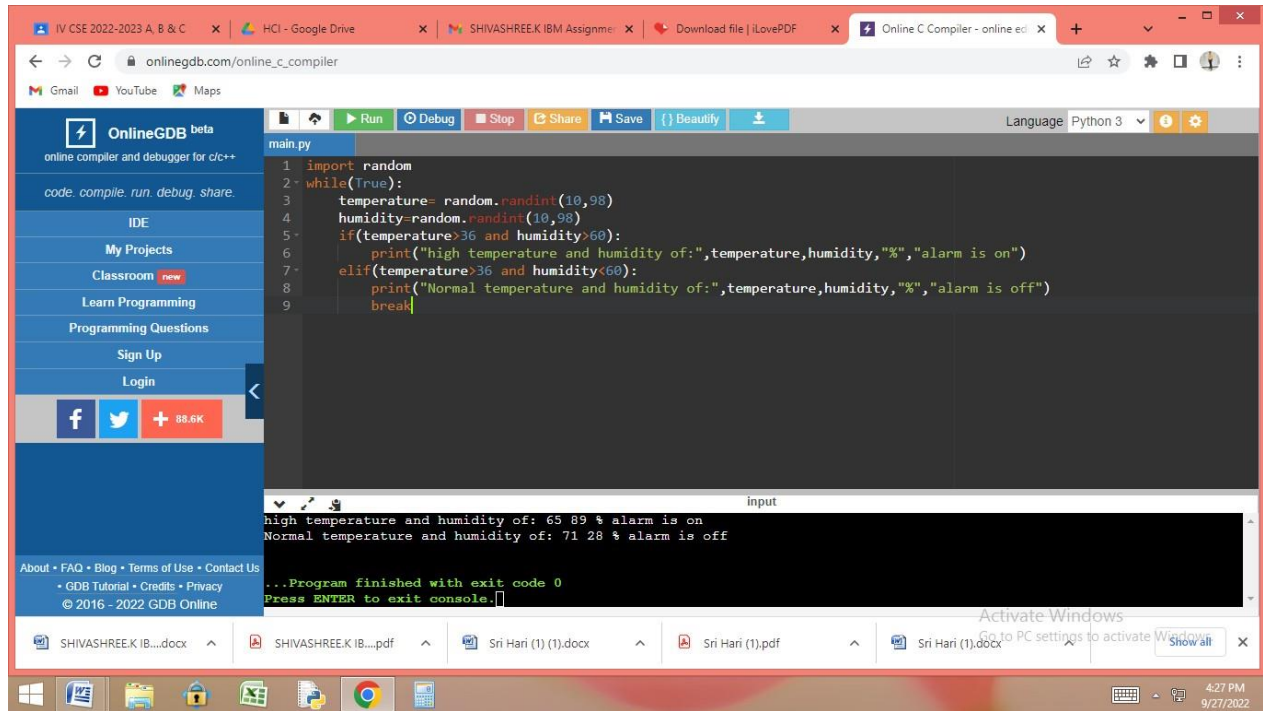
**IBM ASSIGNMENT-2**  
**TOPIC : IOT BASED SAFETY GADGET FOR CHILD SAFETY**  
**MONITORING AND NOTIFICATION**

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**SOURCE CODE:**

```
import random
while(True):
    temperature=random.randint(10,98)
    humidity=random.randint(10,98)
    if(temperature>36 and humidity>60):
        print("high temperature and humidity of:",temperature,humidity,"%","alarm is on")
    elif(temperature<36 and humidity<60):
        print("Normal temperature and humidity of:",temperature,humidity,"%","alarm is off")
    break
```

# OUTPUT:



The screenshot displays the OnlineGDB web interface. The browser's address bar shows the URL `onlinegdb.com/online_c_compiler`. The interface includes a sidebar on the left with navigation links such as "IDE", "My Projects", "Classroom", "Learn Programming", "Programming Questions", "Sign Up", and "Login". The main area is divided into two sections: a code editor and an output console. The code editor contains a Python script named `main.py` that uses the `random` module to generate random temperature and humidity values. The script includes a `while` loop that prints messages based on these values. The output console shows the results of the program's execution, including the generated values and the corresponding alarm status. The console output is as follows:

```
high temperature and humidity of: 65 89 % alarm is on
Normal temperature and humidity of: 71 28 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
```

The bottom of the image shows the Windows taskbar with several open applications, including a document editor and a PDF viewer. The system clock in the bottom right corner indicates the time is 4:27 PM on 9/27/2022.

