



MAHENDRA INSTITUTE OF TECHNOLOGY

**IOT BASED SAFETY GADGET FOR
CHILD SAFETY MONITORING AND
NOTIFICATION**

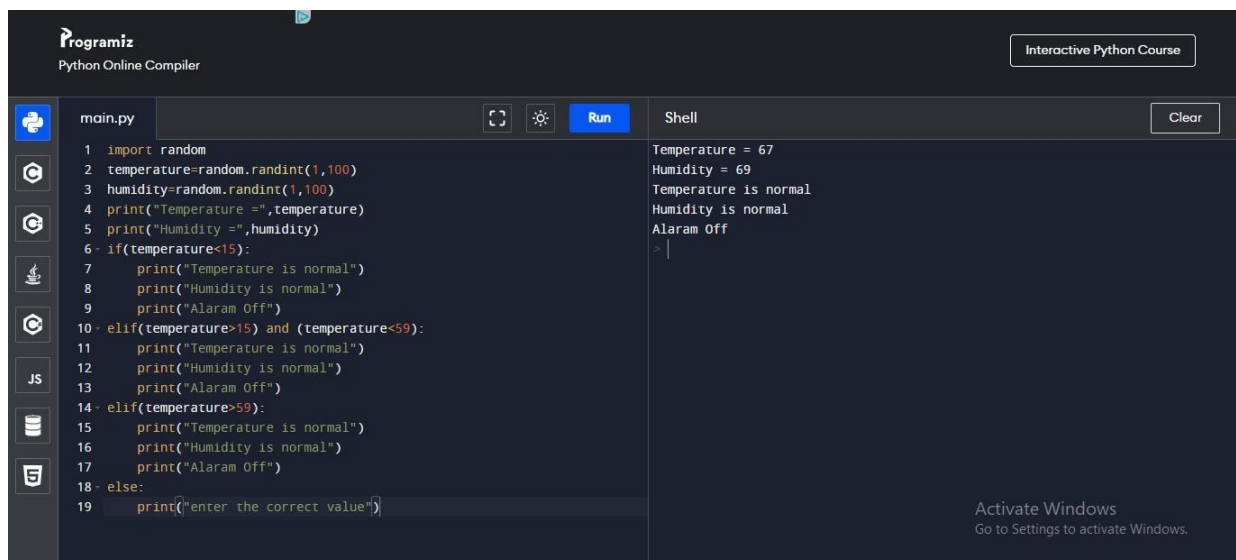
IBM NALAIYATHIRAN

TITLE	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID17569

PROGRAM :

```
import random
temperature=random.randint(1,100)
humidity=random.randint(1,100)
print("Temperature =",temperature)
print("Humidity =",humidity)
if(temperature<15):
print("Temperature is normal")
print("Humidity is normal")
print("Alarm Off")
elif(temperature>59):
print("Temperature is normal")
print("Humidity is normal")
print("Alarm Off")
else:
print("enter the correct value")
```

PROGRAM AND OUTPUT:



The screenshot displays the Programiz Python Online Compiler interface. On the left, a sidebar contains icons for file management and a list of languages including Python, JS, and others. The main editor area shows a file named 'main.py' with the following Python code:

```
1 import random
2 temperature=random.randint(1,100)
3 humidity=random.randint(1,100)
4 print("Temperature =",temperature)
5 print("Humidity =",humidity)
6- if(temperature<15):
7     print("Temperature is normal")
8     print("Humidity is normal")
9     print("Alarm Off")
10- elif(temperature>15) and (temperature<59):
11     print("Temperature is normal")
12     print("Humidity is normal")
13     print("Alarm Off")
14- elif(temperature>59):
15     print("Temperature is normal")
16     print("Humidity is normal")
17     print("Alarm Off")
18- else:
19     print("enter the correct value")
```

On the right, the 'Shell' tab shows the output of the program:

```
Temperature = 67
Humidity = 69
Temperature is normal
Humidity is normal
Alarm Off
> |
```

At the bottom right of the interface, there is a message: 'Activate Windows Go to Settings to activate Windows.'