



**MAHENDRA INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND**  
**ENGINEERING**

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

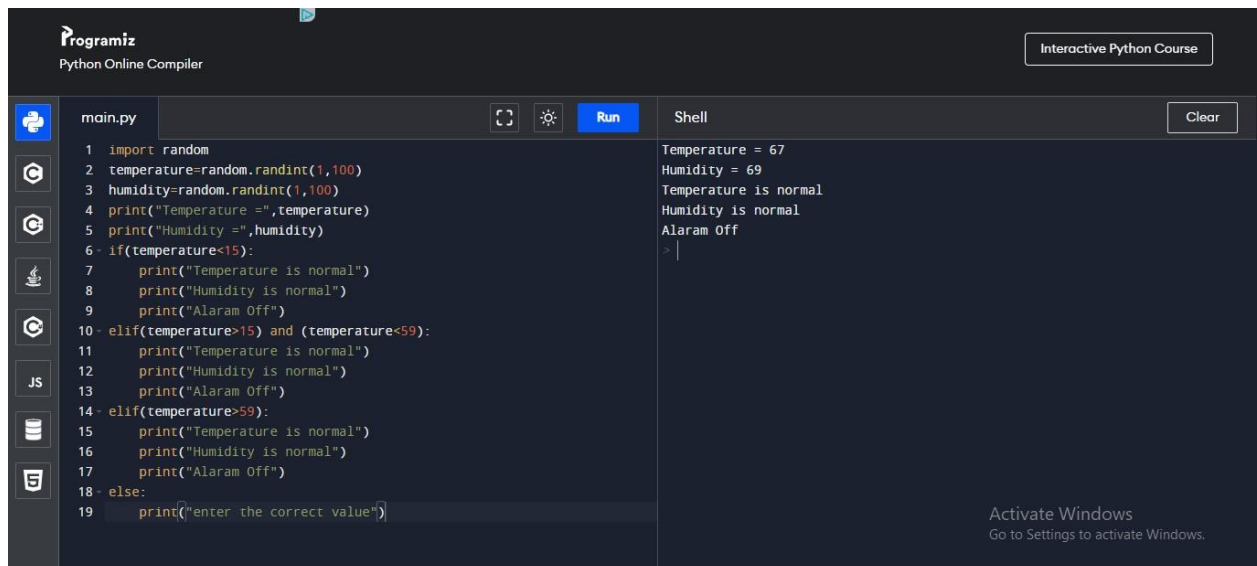
**IBM NALAIYATHIRAN**

<b>TITLE</b>	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID17187
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## 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. The left sidebar contains icons for Python, JavaScript, and other languages. The main editor area shows the code for 'main.py', which is the same program as shown in the previous block. The right panel, titled 'Shell', shows the output of the program: 'Temperature = 67', 'Humidity = 69', 'Temperature is normal', 'Humidity is normal', and 'Alarm Off'. A 'Clear' button is visible next to the shell output. At the bottom right, there is a watermark for 'Activate Windows'.

```
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")
```

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

Activate Windows  
Go to Settings to activate Windows.