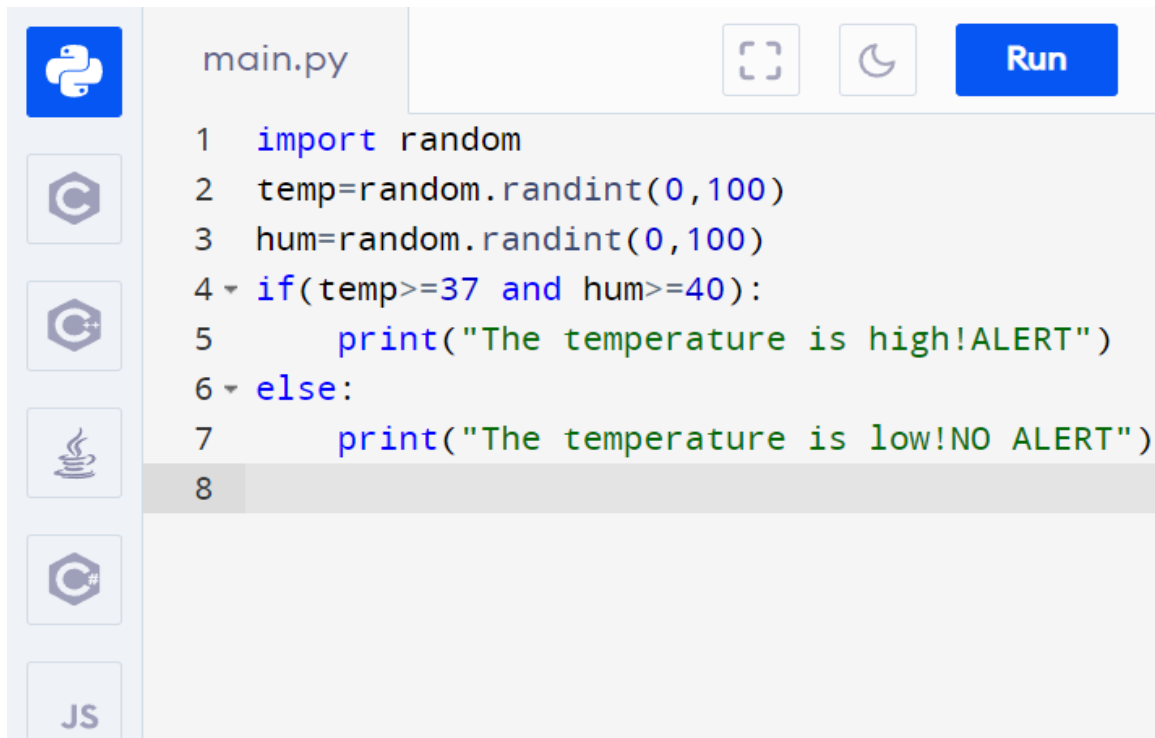


ASSIGNMENT 2

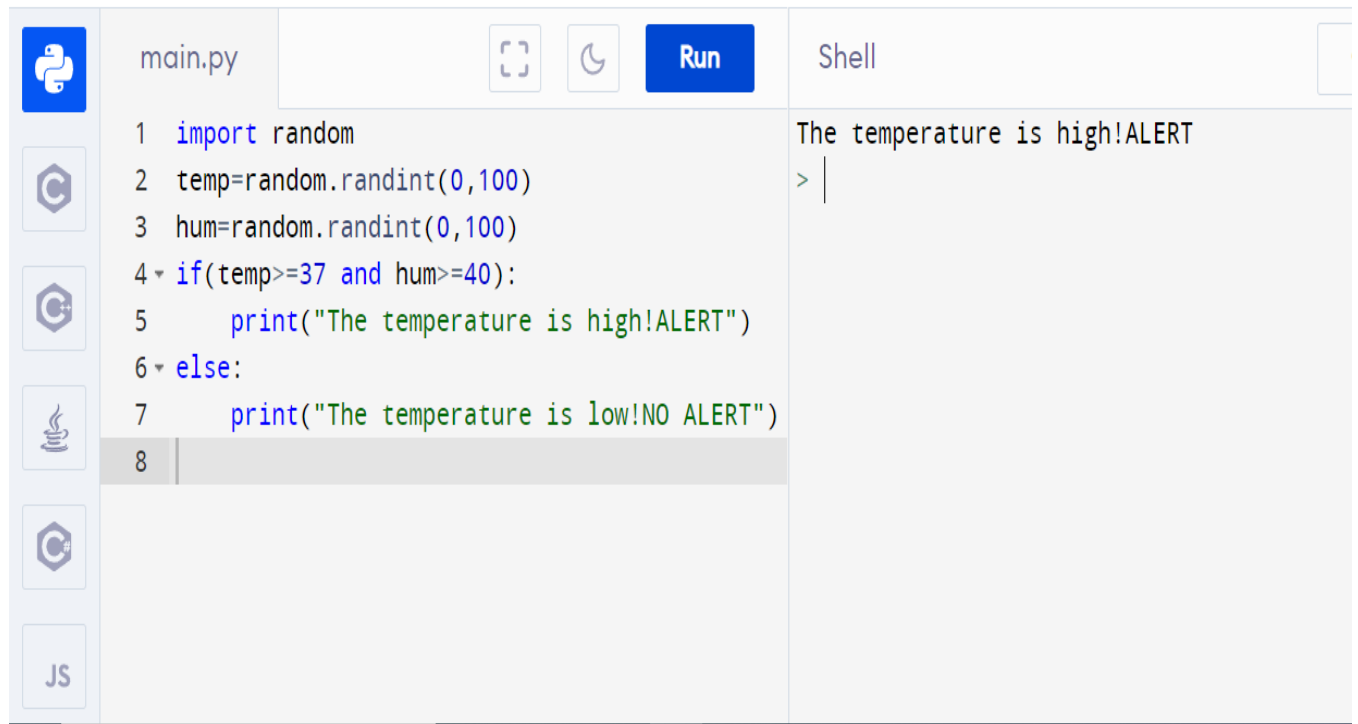
SOFTWARE COMPONENT: PYTHON

CODE:



```
main.py
1 import random
2 temp=random.randint(0,100)
3 hum=random.randint(0,100)
4 if(temp>=37 and hum>=40):
5     print("The temperature is high!ALERT")
6 else:
7     print("The temperature is low!NO ALERT")
8
```

AFTER COMPILING:



The image shows a code editor window with a file named `main.py`. The editor has a sidebar on the left with icons for Python, C, C++, Java, and JavaScript. The main area displays the following Python code:

```
1 import random
2 temp=random.randint(0,100)
3 hum=random.randint(0,100)
4 if(temp>=37 and hum>=40):
5     print("The temperature is high!ALERT")
6 else:
7     print("The temperature is low!NO ALERT")
8
```

Below the code editor is a "Shell" window showing the output of the program:

```
The temperature is high!ALERT
> |
```

NAME: NANTHINI N

REG NO: 963019106003