

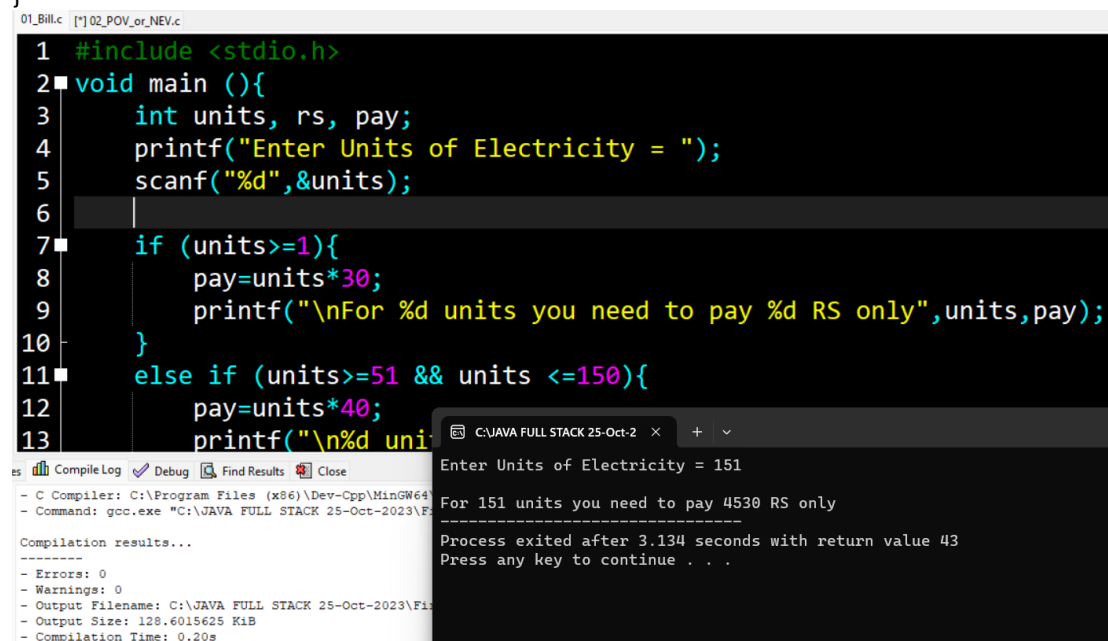
TEST 2

Question 1 :

```
#include <stdio.h>

void main (){
    int units, rs, pay;
    printf("Enter Units of Electricity = ");
    scanf("%d",&units);

    if (units>=1){
        pay=units*30;
        printf("\nFor %d units you need to pay %d RS only",units,pay);
    }
    else if (units>=51 && units <=150){
        pay=units*40;
        printf("\n%d units you need to pay %d RS only",units,pay);
    } else {
        pay=units*50;
        printf("\n%d units you need to pay %d RS only",units,pay);
    }
}
```



The screenshot shows a C program running in a terminal window. The program prompts the user to enter units of electricity. The user enters 151. The program calculates the bill as 4530 RS and displays the result. Below the terminal window, a compilation log is visible, showing the compiler used (GCC) and the output file name.

```
01_Bill.c [T] 02_POV_or_NEV.c
1 #include <stdio.h>
2 void main (){
3     int units, rs, pay;
4     printf("Enter Units of Electricity = ");
5     scanf("%d",&units);
6
7     if (units>=1){
8         pay=units*30;
9         printf("\nFor %d units you need to pay %d RS only",units,pay);
10    }
11    else if (units>=51 && units <=150){
12        pay=units*40;
13        printf("\n%d units you need to pay %d RS only",units,pay);
14    } else {
15        pay=units*50;
16        printf("\n%d units you need to pay %d RS only",units,pay);
17    }
18 }
```

Enter Units of Electricity = 151
For 151 units you need to pay 4530 RS only
Process exited after 3.134 seconds with return value 43
Press any key to continue . . .

Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\JAVA FULL STACK 25-Oct-2023\Fil
- Output Size: 128.6015625 KiB
- Compilation Time: 0.20s

Question 2 :

```
#include <stdio.h>

void main (){
```

```

int num;
printf("Enter NUMBER = ");
scanf("%d",&num);

if (num==0){
    printf("\n %d is NEUTRAL number",num);
}
else if (num>=1){
    printf("\n %d is POSITIVE number",num);
} else {
    printf("\n %d is NEGATIVE number",num);
}
}

```

The screenshot displays a C++ IDE with the following components:

- Code Editor:** Contains the C++ code from the previous block, with line numbers 1 through 13. The code uses `printf` and `scanf` for input/output.
- Compile Log:** Shows the compilation process using `gcc.exe`. It reports 0 errors and 0 warnings. The output filename is `C:\JAVA FULL STACK 25-Oct-2023\First_Bit\C Pro`, the output size is 128.6015625 KiB, and the compilation time is 0.20s.
- Output Window:** Displays the program's execution output. It shows the prompt "Enter NUMBER = 0", the result "0 is NEUTRAL number", and a message indicating the process exited after 1.61 seconds with a return value of 21.

=====

END