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FRN-13J1124/006

Test 2

Que. 1)

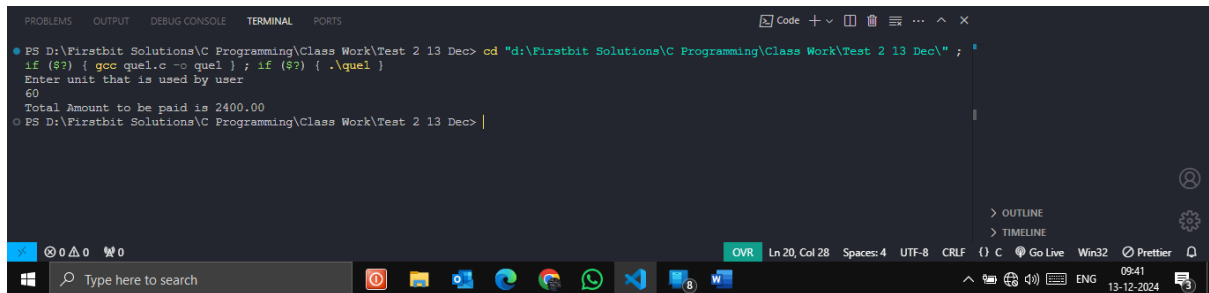
```
//calculate electricity bill
/*
1-50 units --> 30 rs/unit
51-150 units --> 40 rs/unit
>151 units --> 50 rs/unit
*/
#include<stdio.h>
int main(){
    float unitCount, perUnitCharge, billAmount;
    printf("Enter unit that is used by user\n");
    scanf("%f", &unitCount);

    if(unitCount>=1 && unitCount<=50){
        perUnitCharge = 30;
    }
    else if(unitCount>= 51 && unitCount<=150){
        perUnitCharge = 40;
    }
    else if(unitCount>150){
        perUnitCharge = 50;
    }
    else{
        printf("Invalid input\n");
        return 0;
    }

    printf("Total Amount to be paid is %.2f", perUnitCharge * unitCount);
    return 0;
}
```

```
}
```

Output:

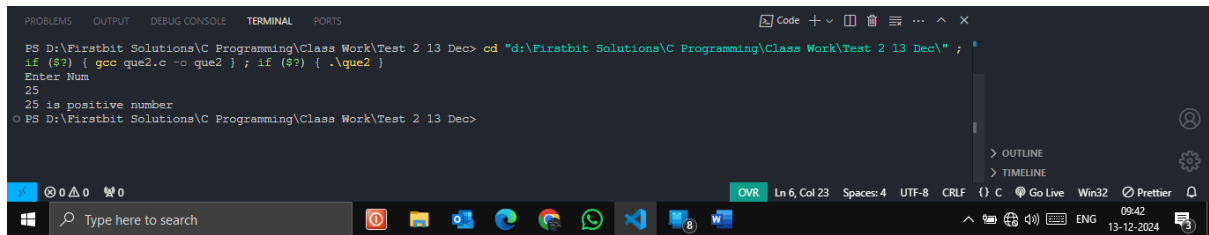


```
PS D:\Firstbit Solutions\C Programming\Class Work\Test 2 13 Dec> cd "d:\Firstbit Solutions\C Programming\Class Work\Test 2 13 Dec\" ; if ($?) { gcc quel.c -o quel } ; if ($?) { .\quel }  
Enter unit that is used by user  
60  
Total Amount to be paid is 2400.00  
PS D:\Firstbit Solutions\C Programming\Class Work\Test 2 13 Dec> |
```

Que 2):

```
//check num is +ve, -ve, or zero  
#include<stdio.h>  
int main(){  
    int num;  
    printf("Enter Num\n");  
    scanf("%d", &num);  
  
    if (num<0)  
    {  
        printf("%d is negative number\n", num);  
    }  
    else if(num>0){  
        printf("%d is positive number\n", num);  
    }  
    else if(num==0) {  
        printf("%d is neutral\n",num);  
    }  
    else printf("Invalid Input!!!");  
  
    return 0;  
}
```

Output:



The screenshot shows a Visual Studio Code interface with a terminal window open. The terminal displays the following text:

```
PS D:\Firstbit Solutions\C Programming\Class Work\Test 2 13 Dec> cd "d:\Firstbit Solutions\C Programming\Class Work\Test 2 13 Dec\" ; '
if ($?) { gcc que2.c -o que2 } ; if ($?) { .\que2 }
Enter Num
25
25 is positive number
PS D:\Firstbit Solutions\C Programming\Class Work\Test 2 13 Dec>
```

The terminal window is titled "Code" and has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The status bar at the bottom shows "OVR", "Ln 6, Col 23", "Spaces: 4", "UTF-8", "CRLF", and various icons for Go Live, Win32, and Prettier. The Windows taskbar is visible at the bottom of the screen.