```c
/* WAP to find whether the customer is in profit, profit or in equal situation.
(ELSE IF LADDER)*/
#include <stdio.h>
int main()
{
    int sp, cp, amount = 0;
    printf("Enter SP and CP: ");
    scanf("%d%d", &sp, &cp);
    if (sp > cp)
    {
        amount = sp - cp;
        printf("Profit and the amount is %d", amount);
    }
    else if (sp < cp)
    {
        amount=cp-sp;
        printf("Loss and the amount is %d", amount);
    }
    else
    {
        printf("Equal to");
    }
    return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

PS E:\Manish\CProgramming\assignment10> ./question1
Enter SP and CP: 234 200
Profit and the amount is 34
PS E:\Manish\CProgramming\assignment10> ./question1
Enter SP and CP: 300 350
Loss and the amount is 50
PS E:\Manish\CProgramming\assignment10> []

```c
/* WAP to check whether the person is (NESTED IF ELSE)
    a. Above 18 or not. And if the person is above 18 then check the following :
        i. If Person is between 19 and 25 and display message accordingly.
        ii. Else display You are older than 25
    b. Less than or equal to 18 then check the following:
        i. If between 11 to 18 ▯ Display Teenager
        ii. else (is between 1-10) ▯ Display You are kid */

#include <stdio.h>
int main()
{
    int age;
    printf("Enter your age: ");
    scanf("%d", &age);
    if (age > 18)
    {
        if (age >= 19 && age <= 25)
        {
            printf("Your age is from 19 to 25.");
        }
        else
        {
            printf("You are older than 25.");
        }
    }
    else
    {
        if (age >= 11 && age <= 18)
        {
            printf("You are teeneger");
        }
        else
        {
            printf("You are kid");
        }
    }
    return 0;
}
```

```
26          else
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS E:\Manish\CProgramming\assignment10> ./question2
Enter your age: 23
Your age is from 19 to 25.
PS E:\Manish\CProgramming\assignment10> ./question2
Enter your age: 30
You are older than 25.
PS E:\Manish\CProgramming\assignment10>
```