

Aim:**Problem Description:**

In primary mathematics, you learned about calculating profit and loss. The concept is simple:

- If the cost price (CP) is greater than the selling price (SP), then there is a loss.
- If the selling price is greater than the cost price, then there is a profit.
- If both are equal, there is neither profit nor loss.

Your task is to automate the calculation of profit or loss based on the given cost price and selling price.

Constraints:

- $1000 \leq CP \leq 450000$
- $1000 \leq SP \leq 450000$

Input Format:

- The first line contains an integer representing the cost price (CP).
- The second line contains an integer representing the selling price (SP).

Output Format:

- If the cost price is greater than the selling price, print "**Loss:**" followed by the amount of loss.
- If the selling price is greater than the cost price, print "**Profit:**" followed by the amount of profit.
- If the cost price is equal to the selling price, print "**No Profit No Loss**".

Note:

- Refer to the displayed test cases for a better understanding

Source Code:profitLoss.c

```
#include<stdio.h>
int main(){
    int cp,sp;
    scanf("%d" ,&cp);
    scanf("%d" ,&sp);
    int profitOrLoss = sp-cp;
    if(profitOrLoss>0)
    {
        printf("Profit: %d\n",profitOrLoss);
    }
    else if(profitOrLoss<0)
    {
        printf("Loss: %d\n", -profitOrLoss);
    }
    else
    {
        printf("No Profit No Loss\n");
    }
    return 0;
}
```

Execution Results - All test cases have succeeded!

Test Case - 1	
User Output	
15945	
13785	
Loss: 2160	

Test Case - 2	
User Output	
25963	
8456	
Loss: 17507	

Test Case - 3	
User Output	
26832	
28513	
Profit: 1681	

Test Case - 4	
User Output	
112563	
214589	
Profit: 102026	

Test Case - 5	
User Output	
100	
100	
No Profit No Loss	