

Prg 12:

```
package com.mycompany.prg12;

/*
 *
 * @author 1BSCCSA59
 */import java.util.*;
public class Prg12 {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the cost price");
        double cp = sc.nextInt();
        System.out.println("Enter the selling price");
        double sp = sc.nextInt();
        if(sp > cp){
            double profit = sp - cp;
            double profitp = profit / cp * 100.0;
            System.out.println("Profit is "+profit+"\nProfit percent is"+profitp); }else
        if(cp >sp){
            double loss = cp - sp;
            double lossp = loss / cp * 100.0;
            System.out.println("Loss is "+loss+"\nLoss percent is"+lossp);
        }else{
            System.out.println("Neither profit nor loss");
        }
    }
}
```

Output:

```
| --- exec:3.5.1:exec (default-cli) @ prg12
| Enter the cost price
| 5000
| Enter the selling price
| 7000
| Profit is ?2000.0
| Profit percent is40.0
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| BUILD SUCCESS
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| Total time: 31.204 s
| Finished at: 2025-12-19T13:46:25+05:30
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```