

Prg 12:

```
package com.mycompany.prg12;

/**
 *
 * @author LBSCCSA59
 */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 \u20B9"+profit+"\nProfit percent is"+profitp); }else
            if(cp >sp){
                double loss = cp - sp;
                double losspercent = loss / cp * 100.0;
                System.out.println("Loss is \u20B9"+loss+"\nLoss percent is"+losspercent);
            }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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```