

**Lab Goal :** This lab was designed to teach you how to use if statements.

**Lab Description :** Determine the amount of discount a person should receive. If the bill is more than 2000, then the person should receive a 15% discount. If the bill is 2000 dollars or less, the person does not receive a discount of any kind.

### Sample Data:

500  
2500  
4000  
333.33  
95874.2154

### Sample Output :

Enter the original bill amount :: 500  
Bill after discount :: 500.00

Enter the original bill amount :: 2500  
Bill after discount :: 2125.00

Enter the original bill amount :: 4000  
Bill after discount :: 3400.00

Enter the original bill amount :: 333.333  
Bill after discount :: 333.33

Enter the original bill amount :: 95874.2154  
Bill after discount :: 81493.08

### Files Needed ::

Discount.java  
Lab05a.java

### //EXAMPLE IF CODE

```
int x = 90;  
int y = 0;  
  
if(x>50) {  
    y=22;  
}  
if(x<=50) {  
    y=44;  
}
```

### FORMATTING OUTPUT

```
double dec = 9.541724;  
  
        //printf is a void method  
System.out.printf("%.3f\n",dec);                //outs 9.542  
  
        //format is a String return method  
        //format is quite useful when writing toString() methods  
System.out.println(String.format("%.3f",dec));    //outs 9.542
```