

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

**Lab Description :** Write a program that reads in a number and determines if that number is even or odd. An even number has a remainder of zero when being divided by two. An odd number is any number that does not have a remainder of zero when being divided by two.

**HINTS ::** Use %     $3\%2==1$          $4\%2==0$          $7\%2==1$          $10\%2==0$

### Sample Data:

111  
110  
3  
213  
309872  
25000  
97532

### Files Needed ::

NumberVerify.java  
Lab05b.java

### Sample Output :

Enter a integer number :: 111  
111 is odd :: true  
111 is even :: false

Enter a integer number :: 110  
110 is odd :: false  
110 is even :: true

Enter a integer number :: 3  
3 is odd :: true  
3 is even :: false

Enter a integer number :: 213  
213 is odd :: true  
213 is even :: false

Enter a integer number :: 309872  
309872 is odd :: false  
309872 is even :: true

Enter a integer number :: 25000  
25000 is odd :: false  
25000 is even :: true

Enter a integer number :: 97531  
97531 is odd :: true  
97531 is even :: false

### //EXAMPLE IF CODE

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