

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
2000
-99
1111
-850

Sample Output :

```
Enter a whole number :: 111
111 is odd :: true
111 is even :: false

Enter a whole number :: 2000
2000 is odd :: false
2000 is even :: true

Enter a whole number :: -99
-99 is odd :: true
-99 is even :: false

Enter a whole number :: 1111
1111 is odd :: true
1111 is even :: false

Enter a whole number :: -850
-850 is odd :: false
-850 is even :: true
```

Files Needed ::

NumberVerify.java
NumberVerifyRunner.java

//EXAMPLE IF CODE

```
int x = 90;
int y = 0;

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