

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

**Lab Description :** Determine if a String 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 %     $3\%2==1$          $4\%2==0$          $7\%2==1$          $10\%2==0$

Get the # of chars stored in the string and see if that value is odd or even.

### Sample Data :

cat  
boot  
it  
a  
eleven  
thirteen  
odd  
even

### Files Needed ::

StringOddOrEven.java  
Lab05c.java

### Sample Output :

Enter a word :: cat  
cat is odd.

Enter a word :: boot  
boot is even.

Enter a word :: it  
it is even.

Enter a word :: a  
a is odd.

Enter a word :: eleven  
eleven is even.

Enter a word :: thirteen  
thirteen is even.

Enter a word :: odd  
odd is odd.

Enter a word :: even  
even is even.

//EXAMPLE IF CODE

```
int x = 90;

if(x>50)
{
    out.println("fun");
}
if(x<50)
{
    out.println("not fun");
}
```