

**OBJECT ORIENTED PROGRAMMING LAB****Experiment No: 8****Aim**

Java program to perform string manipulations.

**Procedure**

```
import java.util.*;
class manipulation{
    public static void main(String args[]){
        String str1=new String();
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the string:");
        str1=sc.next();
        System.out.println("The length of string:"+str1.length());
        System.out.println("The index position of a in string:"+str1.indexOf('a'));
        System.out.println("To Uppercase:"+str1.toUpperCase());
        System.out.println("To Lowercase:"+str1.toLowerCase());
        System.out.println("The string concatenate with
Example:"+str1.concat("Example"));
        System.out.println("Compare length:"+str1.compareTo("Example"));
        StringBuffer str2=new StringBuffer("String Manipulation");
        System.out.println("New string: String Manipulation");
        System.out.println("Append with a word - Program :"+str2.append(" Program"));
        System.out.println("Length of the new string:"+str2.length());
    }
}
```

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## Output Screenshot

```
Enter the string:Java
The length of string:4
The index position of a in string:1
To Uppercase:JAVA
To Lowercase:java
The string concatenate with Example:Java Example
Compare length:5
New string: String Manipulation
Append with a word - Program :String Manipulation Program
Length of the new string:27
```