

# PROGRAM

```
import java.util.*;
```

```
class StringManipulation
```

```
{
```

```
    String s1,s2;
```

```
    StringManipulation(String s1,String s2)
```

```
{
```

```
        this.s1=s1;
```

```
        this.s2=s2;
```

```
}
```

```
void StringConcat(){
```

```
    System.out.println("After String adding  
"+s1+" and "+ s2+" is : "+s1.concat(s2) );
```

```
}
```

```
void StringLength()
```

```
{
```

```
    System.out.println("Length of "+s1+"  
is : "+(s1.length()));
```

```
    System.out.println("Length of "+s2+"
```

```
is : "+(s2.length()));
    }
    void StringCharAt(Scanner read)
    {
        int pos;
        System.out.print("Enter the position of
Character you want to access : ");
        pos = read.nextInt();
        System.out.println("Character at
position "+pos+" of "+s1+" is :
"+s1.charAt(pos-1));
        System.out.println("Character at
position "+pos+" of "+s2+" is :
"+s2.charAt(pos-1));
    }
    void StringCaseChange()
    {
        System.out.println("Uppercase of
string "+s1+" is : "+ s1.toUpperCase());
        System.out.println("Lowercase of
string "+s1+" is : "+ s1.toLowerCase());
```

```
    }  
    void StringCompare()  
{  
    if(s1.compareTo(s2) == 0)  
{  
        System.out.println("Two Strings are  
equal");  
    }  
    else  
{  
        System.out.println("Two Strings are  
not equal");  
    }  
}  
}
```

```
public class StringManipulations  
{  
    public static void main(String args[])  
{  
        String s1,s2;
```

```
Scanner read = new
Scanner(System.in);
    System.out.print("Enter first string : ");
    s1 = read.nextLine();
    System.out.print("Enter Second
string : ");
    s2 = read.nextLine();
    StringManipulation sm = new
StringManipulation(s1,s2);
    sm.StringConcat();
    sm.StringLength();
    sm.StringCharAt(read);
    sm.StringCaseChange();
    sm.StringCompare();
}
}
```

# OUTPUT

Enter first string : red

Enter Second string : white

After String adding red and white is :  
redwhite

Length of red is :3

Length of white is :5

Enter the position of Character you want to  
access :3

Character at position 3 of red is :d

Character at position 3 of white is :i

Uppercase of string red is :RED

Lowercase of string red is :red

Two Strings are not equal