**STRING BUFFER ASSIGNMENT**

**1.String buffer display:**

public class Main {

    public static void main(String[] args) {

        String str = "Hello World";

        System.out.println("The length of the string: "+str.length());

    }

}

**Output:**

Hello world

**2.string buffer length of a string:**

public class Main {

    public static void main(String[] args) {

        String str = "Hello World";

        System.out.println("The length of the string: "+str.length());

    }

}

**Output;**

The length of the string : 11

**3.string buffer inserting text:**

class StringBuffer1 {

public static void main(String[] args) {

StringBuffer sb = new StringBuffer("it is used to at the specified index position");

sb.insert(14,"insert text");

System.out.println(sb);

}

}

**output**:

it is used to insert text at the specified index position

**4.string buffer using concat method:**

public class Main {

    public static void main(String[] args) {

            {

                String s = "Hello ";

                s = s.concat("How are You?"); //string concatenation

                System.out.println(s);

            }

        }

    }

**Output:**

Hello how are you

**4.2 string buffer combining two strings without concat method:**

import java.util.\*;

public class strings {

 private static final String system = null;

 public static void main(String[] args) {

  Scanner sc = new Scanner(System.in);

  System.out.println("enter the first string");

   String fs = sc.next();

    System.out.println("enter the second string");

      String hs = sc.next();

      System.out.println("after concatination");

      System.out.println(fs + " " + hs );

    }

}

**Output:**

Enter the first string : cap

Enter the second string : gemini

After concatenation : Capgemini