# 08. PROBLEM:

Write a program that show working of different functions of String and StringBufferclasss like setCharAt(, setLength(), append(), insert(), concat()and equals().

# SOURCECODE:

public class assignment8

{

public static void main(String args[])

{

String str1=new String("pranab");

String str2=new String("computer");

String str3;

StringBuffer s1=new StringBuffer("java");

StringBuffer s2=new StringBuffer("programming");

s1.setLength(30);

s1.setCharAt(3,'x');

System.out.println("After calling the setCharAt() function:- "+s1);

s1.insert(2,s2);

System.out.println("After calling insert() function:- "+s1);

s1.append(s2);

System.out.println("After calling the append() function:- "+s1);

str3=str1.concat(str2);

System.out.println("After calling the concat() function:- "+str3);

boolean b=str1.equals(str2);

System.out.println("After calling the equals function:- "+b);

}

}

# OUTPUT:

After calling the setCharAt() function:- javx

After calling insert() function:- japrogrammingvx

After calling the append() function:- japrogrammingvx

After calling the concat() function:- pranabcomputer

After calling the equals() function:- false

# DISCUSSION:

1.Here we create class assignment8 and take four strings as “pranab”, “java”, “computer”, “programming”.

2.After taking these strings we use the methods of class string and stringbuffer respectively:-

setCharAt() / insert() / append()/concat() / equals().

3.We use the methods using the strings respectively and show the results.