

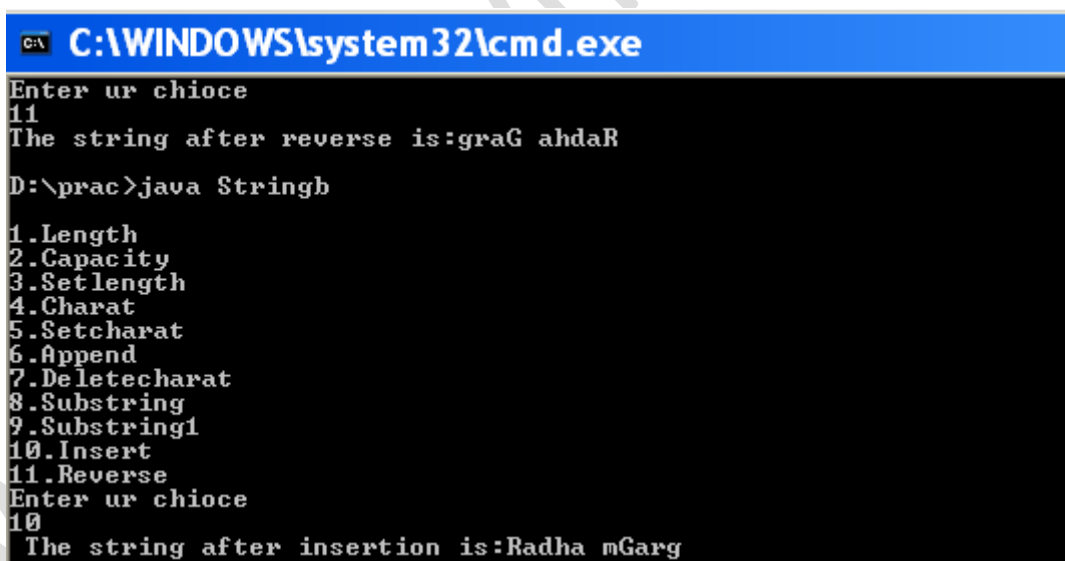
```
/** ** Program to Illustrate the use of Methods of StringBuffer  
Class ** */
```

```
import java.io.*;  
import java.lang.*;  
  
class Stringb  
{  
    public static void main(String args[])  
    {  
        try  
        {  
            StringBuffer str=new StringBuffer("Radha Garg");  
            System.out.println("\n1.Length\n2.Capacity  
                               \n3.Setlength\n4.Charat\n5.Setcharat  
                               \n6.Append\n7.Deletecharat\n8.Substring  
                               \n9.Substring1\n10.Insert\n11.Reverse");  
            System.out.println("Enter ur chioce");  
            DataInputStream ds = new DataInputStream(System.in);  
            int ch = Integer.parseInt(ds.readLine());  
  
            switch(ch)  
            {  
                case 1:  
                    System.out.println("The length of the  
                                         string is:" + str.length());  
                    break;  
                case 2:  
                    System.out.println("The capacity of  
                                         String:" + str.capacity());  
                    break;
```

```
case 3:
    str.setLength(15);
    System.out.println("Set length of String:"
        + str.length());
    break;
case 4:
    System.out.println("The character at 6th
        position:" + str.charAt(5));
    break;
case 5:
    str.setCharAt(2, 'u');
    System.out.println("The string after
        setting position is:" +str);
    break;
case 6:
    System.out.println("The string after
        appending:" + str.append(" Sohni"));
    break;
case 7:
    System.out.println("The string after
        deletion:" + str.deleteCharAt(7));
    break;
case 8:
    System.out.println("The substring is:" +
        str.substring(2));
    break;
case 9:
    System.out.println("The subsstring2 is:" +
        str.substring(3,8));
    break;
case 10:
    System.out.println(" The string after
        insertion is:" + str.insert(6, 'm'));
    break;
```

```
        case 11:
            System.out.println("The string after
                reverse is:" + str.reverse());
        }
    }
    catch(Exception s)
    {
        System.out.println(s.getMessage());
    }
}
}
```

Output:



```
C:\WINDOWS\system32\cmd.exe
Enter ur chioce
11
The string after reverse is:graG ahdaR

D:\prac>java Stringb
1.Length
2.Capacity
3.Setlength
4.Charat
5.Setcharat
6.Append
7.Deletecharat
8.Substring
9.Substringl
10.Insert
11.Reverse
Enter ur chioce
10
The string after insertion is:Radha mGarg
```