```java
public class DemoString
{
    public void reverse1(String s)
    {
        int length=s.length()-1;
        for(int i=length;i>=0;i--)
        {
            System.out.print(s.charAt(i));
        }
        System.out.println();
    }
    public void reverse2(String s)
    {
        StringBuffer sb=new StringBuffer(s);
        System.out.print(sb.reverse());

    }
    public static void main(String[] args)
    {
        new DemoString().reverse1("hello hi");
        new DemoString().reverse2("hello hi");
    }
}
```

Q:-2 Write a program to remove all special character from given string.

```java
public class DemoString
{
    public static void main(String[] args)
    {
        String str="!@abcd$%::efg*";
        str=str.replaceAll("[^a-z A-Z 0-9]","");
        System.out.println(str);
    }
}
```

Q:-3 Write a program to remove all white space character from given string.

```java
public class DemoString
{
    public static void main(String[] args)
```

```java
    {
        String str="A B C D E F G";
        str=str.replaceAll("\\s","");
        System.out.println(str);
    }
}
```

```java
public class DemoString
{
    public static void main(String[] args)
    {
        String str="ahfojskkooa";
        char[] ch=str.toCharArray();
        char temp;
        for(int i=0;i<ch.length;i++)
        {
            for(int j=i+1;j<ch.length;j++)
            {
                if(ch[i]>ch[j])
                {
                    temp=ch[i];
                    ch[i]=ch[j];
                    ch[j]=temp;

                }
            }
        }
        for(char ch1:ch)
        {
            System.out.print(ch1);
        }
    }
}
```

```java
public class DemoString
{
    public static void main(String[] args)
    {
        String str="abscbasb";
        StringBuffer sb=new StringBuffer();
```

```java
            for(int i=0;i<str.length();i++)
            {

                char ch=str.charAt(i);
                int idx=str.indexOf(ch,i+1);
                if(idx==-1)
                {
                    sb=sb.append(ch);
                }
            }
        System.out.println(sb);
    }
}
```