

1.what is a mutable string in java with example

Ans: The mutable objects are objects whose value can be changed after initialization. We can change the object's values, such as field and states, after the object is created. For example, **Java.util.Date**, **StringBuilder**, **StringBuffer**, etc.

2.Write a program to reverse string

Input : "PWSKILLS"

Output : "SLLIKSPW"

```
Ans: String str1="PWSKILLS";
String str2="";
for(int i=str1.length()-1 ; i>=0; i--)
{
    str2=str2+str1.charAt(i);
}

System.out.println("Before Reversing: " + str1);
System.out.println("After Reversing: " +str2);
}
}
```

3. write a program to reverse a sentence while preserving the posi

Ans: String str1 = "Think";

String str3 = "Twice";

String str2 = "";

String str4 = "";

```
for (int i = str1.length() - 1; i >= 0; i--) {
    str2 = str2 + str1.charAt(i);
}

for (int i = str3.length() - 1; i >= 0; i--) {
    str4 = str4 + str3.charAt(i);
}
```

```
System.out.println("Before Reversing: " + str1 + " " + str3);
```

```
System.out.println("After Reversing: " + str2 + " " + str4);
```

