

1. What is mutable string in java explain with an example.

➤ Mutable string are those whose value can be changed.

ex : `StringBuilder sb=new StringBuilder("my name is");`

2. WAP to reverse a string

Input: "PWSKILLS"

Output: "SLLIKSWP"

```
public class Reverse {  
    public static void main(String[] args) {  
        StringBuilder s=new  
        StringBuilder("PWSKILLS");  
        System.out.println(s.reverse());  
    }  
}
```

3. WAP to reverse a sentence while preserving the position

Input: "Think Twice"

Output: "knihteciwt"

```
public class Reverse {
```

```

    public static void main(String[] args) {
        StringBuilder s=new StringBuilder("Think
Twice");
        StringBuilder s1= new
StringBuilder(s.substring(0,5));
        StringBuilder s2= new
StringBuilder(s.substring(5,11));
        s1.reverse();
        s2.reverse();
        System.out.print(s1);
        System.out.print(s2);
    }
}

```

4. WAP to sort a string alphabetically.

```

import java.util.Arrays;

public class Sort {
    public static void main(String[] args) {
        String s="umbrella";
        char arr[]=s.toCharArray();
        Arrays.sort(arr);
        System.out.println(new String(arr));
    }
}

```