1. What is a mutable string in java explained with a suitable example?
Once if we create a string , on that string if we try to perform any operation and if those changes get reflected in the same object then such string are called mutable string.
Example:StringBuffer, StringBuilder

2. WAP to reverse a String
   "PWSKILLS"
   "SLLIKSPW"

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

        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. WAP to reverse a statement

```java
public class Reverse
{
    public static void main(String[] args)
    {
        //case-1
        String str1="think twice";
        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);
```

```
        }


}
```

4.WAP to sort a string alphabetically.

```java
import java.util.Arrays;
import java.util.Scanner;
public class SortingString {
   public static void main(String args[]) {
      Scanner sc = new Scanner(System.in);
      System.out.println("Enter a string value: ");
      String str = sc.nextLine();
      char charArray[] = str.toCharArray();
      Arrays.sort(charArray);
      System.out.println(new String(charArray));
   }
}
```