Practical 3.1 : Write a program to replace substring with another substring in a given string".

Input:-

```
import java.util.Scanner;

public class SubstringReplacer {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter the original string:");
        String originalString = scanner.nextLine();

        System.out.println("Enter the substring to be replaced:");
        String substringToReplace = scanner.nextLine();

        System.out.println("Enter the new substring:");
        String newSubstring = scanner.nextLine();

        String modifiedString = originalString.replace(substringToReplace, newSubstring);

        System.out.println("Modified string: " + modifiedString);

        scanner.close();
    }
}
```

Output:-

```
Enter the original string: Hello_World
Enter the substring to be replaced:Hello
Enter the new substring:Hola
Modified string: Hola_World
```

Practical 3.2 : Write a program that sort given strings into alphabetical order".

Input:-

```
import java.util.Arrays;

public class StringSorter {
   public static void main(String[] args) {

      String[] strings = {
         "Banana",
         "Apple",
         "Cherry",
         "Mango",
         "Grape"
      };
      System.out.println("Original strings:");
      for (String str : strings) {
         System.out.println(str);
      }
      Arrays.sort(strings);
      System.out.println("\nStrings in alphabetical order:");
      for (String str : strings) {
         System.out.println(str);
      }
   }
}
```

Output:-

```
Original strings:
Banana
Apple
Cherry
Mango
Grape

Strings in alphabetical order:
Apple
Banana
Cherry
Grape
Mango
```

Practical 3.3 : "Create a String Buffer with some default string. Append any string to ith position of the original string and display the modified string. Also display the reverse of the modified string".

Input:-

```
import java.util.Scanner;

public class StringBufferExample {
   public static void main(String[] args) {
      StringBuffer stringBuffer = new StringBuffer("Hello, World!");

      System.out.println("Original String: " + stringBuffer.toString());
      Scanner scanner = new Scanner(System.in);

      System.out.println("Enter the string to append:");
      String stringToAppend = scanner.nextLine();

      System.out.println("Enter the position (0 to " + stringBuffer.length() + "):");
      int position = scanner.nextInt();

      if (position < 0 || position > stringBuffer.length()) {
         System.out.println("Invalid position! Please enter a position between 0 and " +
stringBuffer.length());
      } else {
         stringBuffer.insert(position, stringToAppend);

         System.out.println("Modified String: " + stringBuffer.toString());

         String reversedString = stringBuffer.reverse().toString();
         System.out.println("Reversed Modified String: " + reversedString);
      }

      scanner.close();
   }
}
```

Output:-

```
Original String: Hello, World!
Enter the string to append: Java
Enter the position (0 to 13): 6
Modified String: Hello, Java World!
Reversed Modified String: !dlroW avaJ ,olleH
```