Source Code:

```java
import java.util.Scanner;
public class StringConversion {

    // Main driver method
    public static void main(String[] args)
    {
        Scanner scanner = new Scanner(System.in);

    // Prompt the user to enter a string
    System.out.print("Enter a string: ");
    String str = scanner.nextLine();
    System.out.println("String: " + str);

        // Converting String object to StringBuffer object
        // by
        // creating object of StringBuffer class
        StringBuffer sbr = new StringBuffer(str);

        // Reversing the string
        sbr.reverse();

        // Printing the reversed string
        System.out.println(sbr);

        // Converting String object to StringBuilder object
        StringBuilder sbl = new StringBuilder(str);

        // Adding it to string using append() method
        sbl.append( "Java Programming");

        // Print and display the above appended string
        System.out.println(sbl);
    }
}
```

Output:

```java
1  package demo;
2
3
4  import java.util.Scanner;
5  public class StringConversion {
6
7      // Main driver method
8      public static void main(String[] args)
9      {
0          Scanner scanner = new Scanner(System.in);
1
2          // Prompt the user to enter a string
3          System.out.print("Enter a string: ");
4          String str = scanner.nextLine();
5          System.out.println("String: " + str);
6
7          // Converting String object to StringBuffer object
8          // by
9          // creating object of StringBuffer class
0          StringBuffer sbr = new StringBuffer(str);
1
2          // Reversing the string
3          sbr.reverse();
4
5          // Printing the reversed string
6          System.out.println(sbr);
7
8          // Converting String object to StringBuilder object
9          StringBuilder sbl = new StringBuilder(str);
0
1          // Adding it to string using append() method
2          sbl.append( "Java Programming");
3
4          // Print and display the above appended string
5          System.out.println(sbl);
6      }
7  }
```

```
<terminated> StringConversion [Java Application] C:\U
Enter a string: Welcome to
String: Welcome to
 ot emocleW
Welcome to Java Programming
```