```java
1  package StringHandling;
2
3  import java.util.Scanner;
4
5  public class Methods {
6      public static void main(String[] args) {
7  //          String - length() equals() compareTo()
   concat()
8          String s1 = "Aditya";
9          System.out.println(s1.length());
10
11          Scanner in = new Scanner(System.in);
12          String s2 = in.nextLine();
13          System.out.println(s1.equals(s2));
14          System.out.println(s1 == s2);
15
16          System.out.println(s1.compareTo(s2));
17
18          String s3 = s1.concat("adit");
19          System.out.println(s2);
20
21
22      }
23  }
24
```

```java
 1 package StringHandling;
 2
 3 // Program to check mutability and immutability
 4
 5 public class Mutability {
 6     public static void main(String[] args) {
 7         StringBuffer s1 = new StringBuffer("Aditya"
   );
 8
 9         s1.replace(1,2, "adcd");
10         System.out.println(s1.charAt(5));
11         System.out.println(s1);
12
13
14         s1.insert(3,"xy");
15         System.out.println(s1.charAt(5));
16         System.out.println(s1);
17
18         s1.replace(2,3, "new");
19         System.out.println(s1.charAt(5));
20         System.out.println(s1);
21     }
22 }
23
```

```java
1  package StringHandling;
2
3  public class Concatenation {
4
5      public static void main(String[] args) {
6          String s1 = "Aditya";
7          s1 += " Joshi";
8          System.out.println(s1);
9
10         StringBuffer sb1  = new StringBuffer("
   Aditya");
11         sb1.append(" Joshi");
12         System.out.println(sb1);
13     }
14 }
15
```

```java
 1  package StringHandling;
 2
 3  //program to initialize string with and without
    mutability concept
 4
 5  import java.util.Scanner;
 6
 7  public class Initiallization {
 8      public static void main(String[] args) {
 9          String s1 = "Aditya Joshi";
10  //        System.out.println(s1);
11          String s3 = "Aditya Joshi";
12
13          String s2 = new String("Aditya Joshi");
14  //        System.out.println(s1.equals(s2));
15
16  //        Input string from user
17
18          Scanner in = new Scanner(System.in);
19  //        String s4 = in.nextLine();
20  //        System.out.println(s4.equals(s1));
21
22          StringBuffer sb2 = new StringBuffer("Aditya
    Joshi");
23          System.out.println(sb2);
24
25      }
26  }
27
```