for mutable strings use
                    string builder, String Buffer

☆ <u>String</u> : • String objects are immutable
           • only + operator is overloaded (used to concate)

          String S = "Kello";
                   S = "Kello world";

S ⟶ (Kello)   S ⟶ (Kello)
                             ⟶ (Kello world)

          String S1 = "Kello";

          S1 ⟶ (Kello)   (No New memory is
                                created old "kello" is used)
          S ⟶ (Kello world)

Class StringDemo {
    public static void main (String[] args) {
        String name = "anil Kumar";
        String fname = "Sunil Kumar";
        System.out.println (name. charAt(5));
        System.out.println (name. compareTo (fname));
        System.out.println (name. compareTo ("anil Kumar"));
        System.out.println (name. concat (" Sharma");
        System.out.println (name. concat (fname));
        int m = 85;
        System.out.println ("Marks =" + m + 15);
    3
3

do ⎰ toCharArray()
   ⎱ toUpperCase()
      toLowerCase()
yourself.

```java
class StringDemo {
    public static void main(String[] args) {
        String name = "anil Kumar";
        String fname = "sunil Kumar";
        System.out.println(fname + "index of u = " + fname.indexOf('u'));
        System.out.println("index of u after u = " + fname.indexOf('u',4));
        System.out.println(fname.length());
        System.out.println(fname.replace("unil", "ajay"));
        String email = "anilkumar@gmail.com";
        System.out.println(email.replaceAll("(.*) gmail (.*)", "
            yahoo"));
        System.out.println(email.replaceAll("(.*) gmail", "yahoo"

        String names = "anil, sunil, vijay, ajay, sanjay";
        String[] nameList = name.split(",");
        String t;
        for(int i=0; i< nameList.length; i++) {
            t = nameList[i].trim();
            System.out.println(nameList[i]+" length:- " + nameList[i]
            length() + " value after trim "+ t +"length after
            trimming = "+ t.length());
        }

        String email2 = "sunilkumar@gmail.com";
        System.out.println(email2.substring(10));
        System.out.println(email2.substring(0,10));
    }
}
```