|  |
| --- |
| package vandana.projects.com; |
|  |  |
|  | public class StringDemo { |
|  |  |
|  | public static void main(String[] args) { |
|  | System.out.println("Methods of Strings"); |
|  |  |
|  | String sl=new String("Hello Hello"); |
|  |  |
|  | System.out.println(sl.length()); |
|  |  |
|  | //substring |
|  | String sub=new String("Welcome"); |
|  | System.out.println(sub.substring(2)); |
|  |  |
|  | //String Comparison |
|  | String s1="Hello"; |
|  | String s2="Hii"; |
|  | System.out.println(s1.compareTo(s2)); |
|  |  |
|  | //IsEmpty |
|  | String s4=""; |
|  | System.out.println(s4.isEmpty()); |
|  |  |
|  | //toLowerCase |
|  | String s5="Hello"; |
|  | System.out.println(s1.toLowerCase()); |
|  |  |
|  | //replace |
|  | String s6="Hii"; |
|  | String replace=s2.replace('d', 'l'); |
|  | System.out.println(replace); |
|  |  |
|  | //equals |
|  | String x="Welcome to Java"; |
|  | String y="WeLcOmE tO JaVa"; |
|  | System.out.println(x.equals(y)); |
|  |  |
|  | System.out.println("\n"); |
|  | System.out.println("Creating StringBuffer"); |
|  | //Creating StringBuffer and append method |
|  | StringBuffer s=new StringBuffer("Welcome to Java!"); |
|  | s.append("Enjoy your learning"); |
|  | System.out.println(s); |
|  |  |
|  | //insert method |
|  | s.insert(0, 'w'); |
|  | System.out.println(s); |
|  |  |
|  | //replace method |
|  | StringBuffer sb=new StringBuffer("Hello"); |
|  | sb.replace(0, 2, "hEl"); |
|  | System.out.println(sb); |
|  |  |
|  | //delete method |
|  | sb.delete(0, 1); |
|  | System.out.println(sb); |
|  |  |
|  | //StringBuilder |
|  | System.out.println("\n"); |
|  | System.out.println("Creating StringBuilder"); |
|  | StringBuilder sb1=new StringBuilder("Happy"); |
|  | sb1.append("Learning"); |
|  | System.out.println(sb1); |
|  |  |
|  | System.out.println(sb1.delete(0, 1)); |
|  |  |
|  | System.out.println(sb1.insert(1, "Welcome")); |
|  |  |
|  | System.out.println(sb1.reverse()); |
|  |  |
|  | //conversion |
|  | System.out.println("\n"); |
|  | System.out.println("Conversion of Strings to StringBuffer and StringBuilder"); |
|  |  |
|  | String str = "Hello"; |
|  |  |
|  | // conversion from String object to StringBuffer |
|  | StringBuffer sbr = new StringBuffer(str); |
|  | sbr.reverse(); |
|  | System.out.println("String to StringBuffer"); |
|  | System.out.println(sbr); |
|  |  |
|  | // conversion from String object to StringBuilder |
|  | StringBuilder sbl = new StringBuilder(str); |
|  | sbl.append("world"); |
|  |  |
|  |  |
|  | System.out.println("String to StringBuilder"); |
|  | System.out.println(sbl); |
|  |  |
|  | } |
|  |  |
|  | } |