**package** collections;

**public** **class** strings {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

String st = "Hello World";

System.***out***.println("String methods: ");

System.***out***.println("Length of the string: "+st.length());

System.***out***.println("Substring: "+st.substring(0,4));

System.***out***.println("toLowerCase: "+st.toLowerCase());

System.***out***.println("toUpperCase: "+st.toUpperCase());

System.***out***.println("Replacing ' ' with '-': "+st.replace(" ", "-"));

System.***out***.println("\nStringBuffer: ");

StringBuffer s = **new** StringBuffer("Hello");

System.***out***.println("Original StringBuffer: "+s);

s.append(" ");

s.append("World");

System.***out***.println("After appending: "+s);

s.insert(s.length(), "!");

System.***out***.println("After inserting: "+s);

s.replace(1, 4, "\*\*\*");

System.***out***.println("After replacing: "+s);

s.delete(1, 5);

System.***out***.println("After deleting: "+s);

s.reverse();

System.***out***.println("After reversing: "+s);

System.***out***.println("\nStringBuilder: ");

StringBuilder str = **new** StringBuilder();

str.append("Hello");

System.***out***.println("After appending: "+str);

str.insert(str.length(), " World!");

System.***out***.println("After inserting: "+str);

str.delete(str.length()-1,str.length());

System.***out***.println("After deleting: "+str);

str.reverse();

System.***out***.println("After reversing: "+str);

}

}