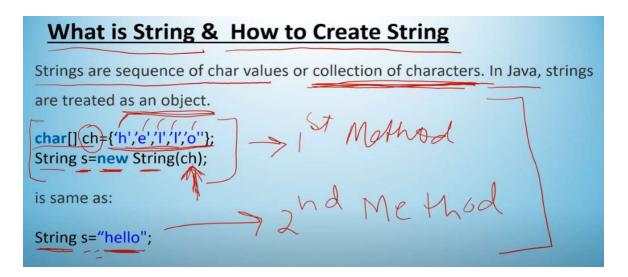
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Session-7 String Operation Methods

Thursday, July 7, 2022 4:38 PM

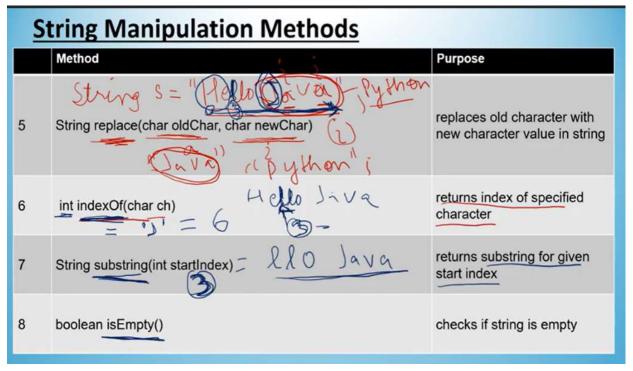


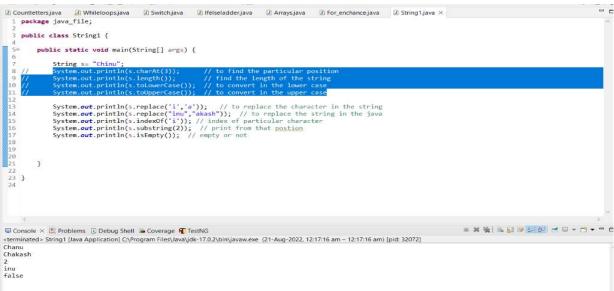
String Manipulation Methods Java String class provides a lot of methods to perform operations on strings Method Purpose String S = returns char value for char charAt(int index) 1 particular index 0-4 s.charatty); 012 2 int length() returns string length returns string in 3 String toLowerCase() lowercase returns string in 4 String to Upper Case() uppercase

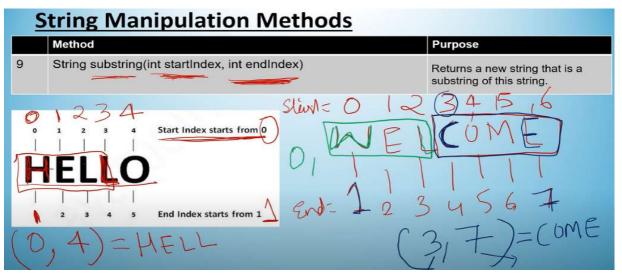
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Decompose and Problems Debug Shell in Coverage Tetring

Console × Pro
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```
= 🗆 📴 Outline × 🗏 🗓 💘 📢 • 💥 🖇 = 🖽
② package-info,java ☑ StringOperation1.java ☑ StringOperation2.java ×
 1 package session7;

→ Θ<sub>▶</sub> StringOperation2

                                                                                                   • f main(String[]): void
 3 public class StringOperation2 {
        public static void main(String[] args) {
           // TODO Auto-generated method stub
            8
 9
10
11
12
13
            //substring "COME"
            System.out.println(s.substring(3, 7));
            //substring "WEL"
15
            System.out.println(s.substring(0, 3));
16
17
18
            String a = "DO YOU KNOW";//START INDEX =3, End index=6 System.out.println(a.substring(3, 6));
19
20
Console ×
                                                                                             <terminated> StringOperation2 [Java Application] C\Program Files\Java\jdk-17.0.1\bin\javaw.exe (Nov 8, 2021, 10:51:16 AM – 10:51:17 AM)
COME
WEL
```

	Method	Purpose
10	string 5 = "welcome,"; boolean contains(Character Sequence t) [[] [] [] [] [] [] [] [] []	checks if string contains the specified character sequence
11	String trim()	omits leading and trailing white spaces
12	boolean startWith(String str)	checks if the string starts with the specified substring
13	boolean startWith(String str, int startIndex)	checks if the string starts with the specified substring starting from the specified index

9	boolean endsWith(String substring)	checks if the string ends with the specified substring
10	boolean equals(Object anotherObject) boolean equalsIgnoreCase(String anotherString)	checks the equality of string with object
11	Java Concatenation (+) Or String Concat ()	Use to join/concatenate strings