





SUII	ig meenods
Method name	Description
indexOf(str)	index where the start of the given string appears in this string (-1 if not found)
length()	number of characters in this string
<pre>substring(index1, index2) or substring(index1)</pre>	the characters in this string from <i>index1</i> (inclusive) to <i>index2</i> (<u>exclusive</u>); if <i>index2</i> is omitted, grabs till end of string
toLowerCase()	a new string with all lowercase letters
toUpperCase()	a new string with all uppercase letters
• These methods are cal	led using the dot notation:





Strings as user input

 Scanner's next method reads a word of input as a String. Scanner console = new Scanner(System.in); System.out.print("What is your name? ");
 String name = comsole.next(); name = name.toUpperCase(); System.out.print(name + " has " + name.length() + " letters and starts with " + name.substring(0, 1));
 Output: What is your name? Bono Bono has 4 letters and starts with B
 The nextLine method reads a line of input as a String. System.out.print("What is your address? "); String address = console.nextLine();

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String test methods		
Method	Description	
equals (str)	whether two strings contain the same characters	
equalsIgnoreCase(str)	whether two strings contain the same characters, ignoring upper vs. lower case	
startsWith(str)	whether one contains other's characters at start	
endsWith(str)	whether one contains other's characters at end	
contains (str)	whether the given string is found within this one	
<pre>String name = con if (name.endsWith System.out.pr) else if (name.e System.out.pr)</pre>	<pre>sole.next(); ("Yeats")) { intln("Say my glory was I had such friends."); qualsignoreCase("OSCAR WILDE")) { intln("A true friend stabs you in the front."); </pre>	











printf answer (partial)	
<pre>// Calculates total owed, assuming 8% tax and 15% ti public static void results(double subtotal) { double tax = subtotal * .08; double total = subtotal * .15; double total = subtotal + tax + tip;</pre>	P
<pre>// System.out.println("Subtotal: \$" + subtotal); // System.out.println("Tax: \$" + tax); // System.out.println("Tip: \$" + tip); // System.out.println("Total: \$" + total);</pre>	
System.out.printf("Subtotal: \$%.2f\n", subtotal) System.out.printf("Tax: \$%.2f\n", tax); System.out.printf("Tip: \$%.2f\n", tip); System.out.printf("Total: \$%.2f\n", total);	;
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