Java String Methods Reference

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Method: length()
Use: Obtain the String's length.
Parameters: none
Returns: int
Example:

```
String salad = "Southwest Avocado Chicken Salad";
int wordLength = salad.length();
System.out.println(wordLength); //31
```

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Method: indexOf(x)
Use: Obtain the index in which a value occurs in the String
Parameters: String or Char
Returns: int
Example:

```
String salad = "Southwest Avocado Chicken Salad";
int position = salad.indexOf("Ch");
System.out.println(position); // 18
```

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Method: substring(x, y)
Use: Takes a chunk of the String
Parameters: integer for starting position(x), and an integer for
ending position(y) (non-inclusive at the end).
Returns: String
Example:

```
String salad = "Southwest Avocado Chicken Salad";
String fruit = salad.substring(10, 17);
System.out.println(fruit); // Avocado
```

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Method: trim()
Use: Removes trailing spaces.
Parameters: none
Returns: String
Example:

```
String salad = "Southwest Avocado Chicken Salad ";
String saladLite = salad.trim();
System.out.println(salad.length()); //32
```

```
System.out.println(saladLite.length()); //31
```

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```
Method: toLowerCase()
Use: Converts everything to lower case.
Parameters: none
Returns: String
Example:

String loudSalad = "SOUTHWEST AVOCADO CHICKEN SALAD";
String quietSalad = loudSalad.toLowerCase();
System.out.println(quietSalad); // southwest avocado chicken salad
```

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```
Method: toUpperCase()
Use: Converts everything to upper case.
Parameters: none
Returns: String
Example:

String quietSalad = "southwest avocado chicken salad";
String loudSalad = quietSalad.toUpperCase();
System.out.println(loudSalad);  // SOUTHWEST AVOCADO CHICKEN SALAD
```

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```
Method: replace(x, y)
Use: Search and replace.
Parameters: A String (x) for what you are searching for, and
another String (y) for what you want to replace it with.
Returns: String
Example:

String salad = "Southwest Avocado Chiken Salad";
String spicySalad = salad.replace("Avocado", "Ginger");
System.out.println(spicySalad); //Southwest Ginger Chiken Salad
```