Java – Day 5

- Specialized Assignment Operators
- Java Unary Operators
- Project A Change Making Program
- String Methods

Specialized Assignment Operators

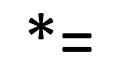














Unary Operators

Unary operator	Description
+	Indicates a number is positive, although numbers are assumed to be positive in Java unless accompanied by a negative unary operator
트를 프로	Indicates a literal number is negative or negates an expression
++	Increments a value by 1
	Decrements a value by 1
!	Inverts a Boolean's logical value



Inverts a Boolean's logic value



++

Increments a value by 1



Decrements a value by 1

A Change-Making Program

Penny

1 cent



Quarter

25 cents



Nickel

5 cents



Dime

10 cents





Requirement

- Write a program that accepts from a user whole number from 1 to 99
- The program responds by telling the user one combination of coins that equals that amount of change

Enter a whole number from 1 to 99. I will find a combination of coins that equals that amount of change.

87

87 cents in coins:

- 3 quarters
- 1 dime
- O nickels and
- 2 pennies

String Methods

String is an object

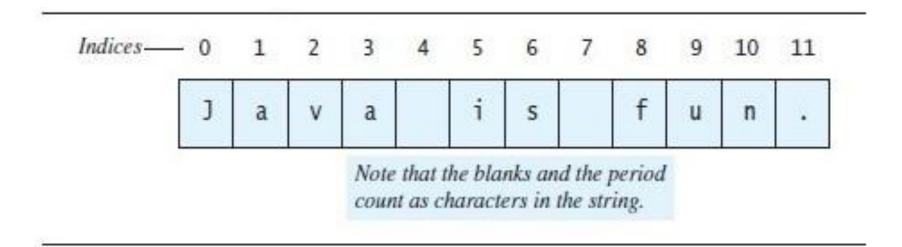
The methods provided by the class String can be used to manipulate its data. Most of the String methods return some value.



.length();



- .toUpperCase();
- .toLowerCase();



Many of the methods for the class String depend on **counting positions**. Positions begin with 0. Usually referred as an **index**



.substring(start);

.substring(start,end);



.indexOf(String);



.charAt(index);



.replace(oldChar, newChar);



.trim();