- Variable Declarations Examples:
  - int yourAge = 34;
  - int a = 5, b = 7, c = 21;
  - String yourName = "Bob";
  - boolean notOn = true;
- Comments:
  - /\* This is how you insert a multiline comment. You must enclose it between an opening slash-asterisk and a closing asterisk \*/
  - // And this is how you insert a single-line comment.
- Logical and Arithmetic Operators:
  - + addition
  - subtraction
  - \* multiplication
  - / division
  - % modulus
  - < less than</p>
  - > greater than
  - <= less than or equal to</p>

Logical and Arithmetic Operators:

- >= greater than or equal to

- = assignment

- == identically equal to

– != not equal

- && logical AND

– || logical OR

– ! Logical NOT

– & bit-wise AND

– I bit-wise OR

– ^ bit-wise XOR

– << left shift</p>

- >> right shift

– ~ complement

- ++ increment

– -- decrement

- += add and assign

- -= subtract and assign

Precedence:

```
- . [] ()
- ++ --!
- new () casting
- */%
- << >>
- == !=
- &
- &&
- ?: if-then-else
- = += -=
```

Precedence order is from top-to-bottom, left-to-right within the expression

- Special use of "+":
  - concatenation: Ex. System.out.println("I am " + myAge + "years old.");
- Escape characters:
  - − \n newline
  - − \t tab
  - \b backspace
  - \r carriage return
  - − \\ backslash
  - \f form-feed
  - \' single quote
  - \" double quote
  - Ex. System.out.println("This is an intentional line break. \n The security guard yelled \" Hark! Who goes there?\" ");
- Evaluate:
- (9%3)/6\*7-(2+7) = \_\_\_\_\_
- (8-3\*(5%3)) + 2 = \_\_\_\_\_
- (3 <=4) || (5==2) && (!(3 >2)) = \_\_\_\_\_
- 7.0f% 2.0f = \_\_\_\_\_