Primitive Variables:

>>>> **boolean**: Represents logical values, either true or false.

byte: An 8-bit signed integer, with a range from -128 to 127.

short: A 16-bit signed integer, with a range from -32,768 to 32,767.

>>>> **int**: A 32-bit signed integer, with a range from -2,147,483,648 to 2,147,483,647.

long: A 64-bit signed integer, with a range from -9,223,372,036,854,775,808 to 9,223,372,036,854,775,807.

float: A single-precision 32-bit floating-point number.

>>>> **double**: A double-precision 64-bit floating-point number.

>>>> **char**: A single 16-bit Unicode character.

Declaration and Usages:

Example Declaring (Boolean):

```
boolean isRaining = true;
```

Example Declaring (Integer):

```
int temperature = 75;
```

Example Declaring (Double):

```
double temperatureAccurate = 75.25;
```

Example Declaring (Character):

```
char favoriteLetter = 'c';
```

Example Later Setting (Integer):

```
temperature = 77;
```

Example Declaring (Character):

```
favoriteLetter = 'g';
```

Operators

- Arithmetic Operators

Operator	Description	Example
+	Addition	5 + 3 (8)
-	Subtraction	10 - 4 (6)
*	Multiplication	6 * 2 (12)
/	Division	15 / 5 (3)

- Comparison Operators

Operator	Description	Example
==	Equal to	5 == 5
!=	Not equal to	7 != 3
>	Greater than	12 > 8
<	Less than	2 < 6
>=	Greater than or equal to	10 >= 10
<=	Less than or equal to	3 <= 7

- Logical Operators

Operator	Description	Example
&&	Logical AND	(5 > 3) && (8 < 10) (true)
||	Logical OR	(2 == 2) || (1 > 5) (true)
!	Logical NOT	!(7 < 4) (true)