Java

Reserved Keywords

class, public, static, void, int, float, double, short, char, boolean, byte, long, boolean , if, else, for, if else,volatile, new, final, finally, etc.

Data Types

3 types of Data Types

1. Numeric Data Types

2. Characters Data Types

3. Boolean Data Types

Numeric Data Types

1. byte
2. short
3. int
4. long
5. float
6. double

Characters Data Type

1. char

2. String

Boolean Data Types

1. Boolean

byte: -128 to 127

byte = 1 byte

1 byte = 8 bits

short = 2 bytes

short = -32768 to 32767

short = 16 bits

int = 4 bytes

int = -2147483648 to 2147483647

int = 32 bits

long = 8 bytes

long = **-9,223,372,036,854,775,808l (-263) to 9,223,372,036,854,775,807l**

long = 64 bits

float = 4 bytes

float = -2147483648.00f to 2147483647.00f

float = 32 bits

double = 8 bytes

double = **-9,223,372,036,854,775,808.00 (-263) to 9,223,372,036,854,775,807.00**

**double = 64 bits**