

Primitive Data Types

- Primitive data types are built into the Java language and are not derived from classes.
- There are 8 Java primitive data types.
 - byte
 - short
 - int
 - long
 - float
 - double
 - boolean
 - char

Numeric Data Types

byte	1 byte	Integers in the range -128 to +127
short	2 bytes	Integers in the range of -32,768 to +32,767
int	4 bytes	Integers in the range of -2,147,483,648 to +2,147,483,647
long	8 bytes	Integers in the range of -9,223,372,036,854,775,808 to +9,223,372,036,854,775,807
float	4 bytes	Floating-point numbers in the range of $\pm 3.410 \times 10^{-38}$ to ± 3.41038 , with 7 digits of accuracy
double	8 bytes	Floating-point numbers in the range of $\pm 1.710 \times 10^{-308}$ to ± 1.710308 , with 15 digits of accuracy