Data types: storing the data or values in the variables

2 types

1. Primitive
2. byte
3. short
4. char
5. boolean
6. int
7. long
8. double
9. float
10. Non-primitive
11. String
12. Class
13. Interfaces
14. Arrays

byte:

* 8 bits or 1 byte
* Default is 0
* Its range -128 to 127

Short

* 2 byte of size
* Default value is 0
* Its range is -32768 to 32767

Int

* 4 byte of size
* Default is 0
* It is like 32-bit singed integer
* Range is -2^31 to 2^31-1

Char

* 2 byte size
* Default value is ‘\u0000’
* It is like range like ‘\u0000’ to ‘\uffff’

Long

* 8 byte size
* Default value is 0L
* Its range is -2^63 to 2^63-1

Float

* 4 byte size
* Default value is 0f
* Range of it is 32-bit 754 float point, its unlimited

Double

* 8 byte size
* Default value is 0.0d
* Range is 64 bit 754 floating point, its unlimited

Boolean

* 1 bit size
* Default size is false
* It will either true or false