Data Types in Java

Data types specify the different sizes and values that can be stored in the variable. There are two types of data types in Java

In Java language, primitive data types are the building blocks of data manipulation. These are the most basic data types available in Java language.
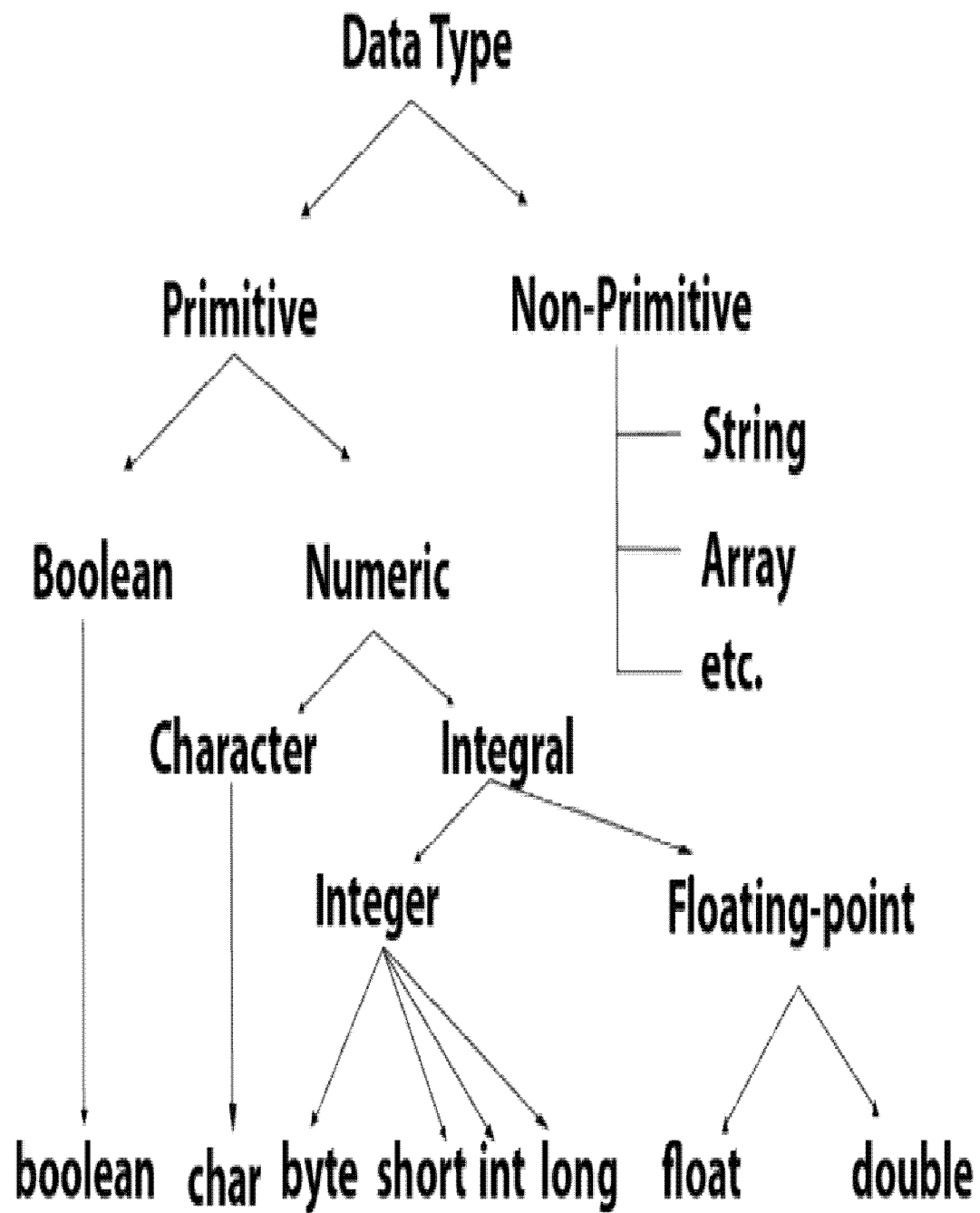
there are two types of data types in Java:

1. **Primitive data types:** The primitive data types include boolean, char, byte, short, int, long, float and double.
2. **Non-primitive data types:** The non-primitive data types include Classes, Interfaces, and Arrays.

Java Primitive Data Types

In Java language, primitive data types are the building blocks of data manipulation. These are the most basic data types available in Java language.

- boolean data type
- byte data type
- char data type
- short data type
- int data type
- long data type
- float data type
- double data type

Data Type

Primitive

Non-Primitive

String

Array

etc.

Boolean

Numeric

Character

Integral

Integer

Floating-point

boolean   char   byte   short   int   long   float   double

1. What are the types of data types in Java?

A. Primitive Data types
B. Non-primitive Data Types
C. Both of above

Answer: C

2. Which is not a primitive data type?

A. Boolean
B. Character
C. Arrays
D. Integer

Answer: C

3. Which are the non-primitive data types ?

A. Arrays
B. Classes
C. Interfaces
D. All of Above

Answer: D

4. What is the default value of boolean?

A. true
B. false
C. '1'
D. '0'

Answer: B

5. What is the default size of boolean datatype?

A. 2 bytes

B. 4 bytes

C. 1 bit

D. 2 bits

Answer: C

6. What is the default value of char ?

A. "

B. '0000'

C. '0'

D. '\u0000'

 Answer: D

7. What is the default size of char ?

A. 1 byte

B. 2 bytes

C. 4 bytes

D. 8 bytes

Answer: B

8. What is the default value of byte ?

A. 0 default value

B. 0b default value

C. 0.0 default value

D. 0.0f default value

 Answer: A

9. What is the default size of byte ?

A. 1 bit
B. 1 byte
C. 2 bytes
D. 4 bytes
Answer: B

10. What is the default value of short ?

A. 0 default value
B. 0s default value
C. 0.0 default value
D. 0.0f default value
Answer: A

11. What is the default size of short ?

A. 1 byte
B. 2 bytes
C. 4 bytes
D. 8 bytes
Answer: B

12. What is the default value of int ?

A. 0 default value
B. 0i default value
C. 0l default value
D. 0.0f default value
Answer: A

13. What is the default size of int ?

A. 1 byte
B. 2 bytes
C. 4 bytes
D. 8 bytes
Answer: C

14. What is the default value of long ?

A. 0.00
B. 0L
C. 0B
D. 0I
Answer: B

15. What is the default size of long ?

A. 1 byte
B. 2 bytes
C. 4 bytes
D. 8 bytes
Answer: D

16. What is the default value of float ?

A. 0L
B. 0.0f
C. 0f
D. 0.0d
Answer: B

17. What is the default size of float ?

A. 1 byte
B. 2 bytes
C. 4 bytes
D. 8 bytes
Answer: C

18. What is the default value of double ?

A. 0L
B. 0f
C. 0d
D. 0.0d
Answer: D

19. What is the default size of double ?

A. 1 byte
B. 2 bytes
C. 4 bytes
D. 8 bytes
Answer: D

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