

### Java Data Types

| Data Type | Size/Bits | Default Value |
|-----------|-----------|---------------|
| byte      | 8         | 0             |
| short     | 16        | 0             |
| int       | 32        | 0             |
| long      | 64        | 0             |
| float     | 32        | 0.0           |
| double    | 64        | 0.0           |
| boolean   | 1         | false         |
| char      | 16        | \u0000        |

### Java Naming Conventions

| Name Type                 | Description                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variable Names            | Can start with a letter, \$(Dollar Symbol), or '_' underscore; cannot start with a number; cannot be a reserved word                                       |
| Method Names              | Verbs or verb phrases with first letter in lowercase, and the first letter of subsequent words capitalized; cannot be reserved words. Example: setColor(); |
| Class and Interface Names | Descriptive names that begin with a capital letter, by convention; cannot be a reserved word.                                                              |
| Constant Names            | They are in capitals                                                                                                                                       |

