# Primitive Types

## Information

Primitive types are objects that don't have a real class and don't inherit methods from Object.

## All primitive types

| Type | Java class | Info |
|---|---|---|
| void | Void | No type |
| byte | Byte | 8 bit decimal number. |
| short | Short | 16 bit decimal number. |
| int | Integer | 32 bit decimal number, most common decimal type. |
| long | Long | 64 bit decimal number. |
| float | Float | 32 bit floating point number. |
| double | Double | 64 bit floating point number. |
| char | Character | Single character in String such as `'a'` or `'-'`. |
| boolean | Boolean | Only `true` and `false` values. Can be checked in if function without comparing to true, as `if (x)` or `if (!x)` instead of `if (x == true)` or `if (x == false)`. |

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