**STATIC ARRANGEMENTS BY THEIR CONTENT**

**Primitive Data Arrays**

Primitive data arrays are structures that allow multiple items with basic or original data to be stored in a contiguous sequence of memory.

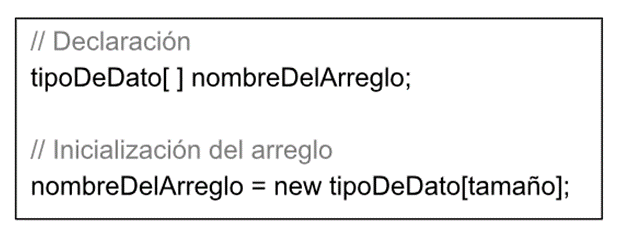
In programming, primitive data types typically include characters, integers, floating-point numbers, and Booleans, while objects are complex data, the main characteristics of primitive data arrays are as follows:

• They tend to be more efficient in terms of storage and quick access, as they don't involve the overhead associated with objects.

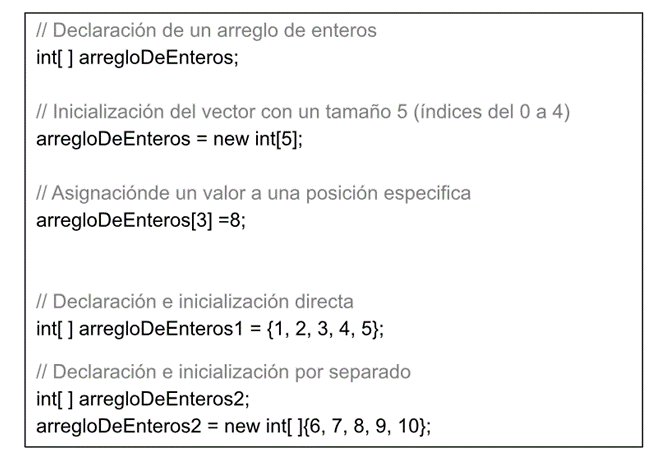
• They are ideal for mathematical operations and calculations, as they work directly with primitive values.

• However, they have limitations in terms of flexibility, as they can only contain a specific type of primitive data.

**Syntax of the declaration and initialization of an array**

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**Example of the declaration and initialization of an array**

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