

array identifier

data type      size of array

↓      ↓      ↓

`int`   `grades`   `[7]`   `=`   `{100, 95, 67, 99, 72, 101, 200};`

elements of the array

↓

↕ OR

`int`   `grades`   `[]`   `=`   `{100, 95, 67, 99, 72, 101, 200};`

↑

size of array will be deduced from number of elements