Prime → 1, 6, 7, 3, 11, 13, 17, 19.

1, self

1 | 2 — < | Number

2 - Number - 1

[2 - 12]

2 - 16

13 → 2 <= 12 or

14 % 2 == Remainder → 13 % 2 == 0 < 13

break; ↓ execution stop

14 % 3

14 % 4

.

.

.

13

2
3
4
.
.
.
.
.
12 Table

L3 → 2 -12

13 / 2 = 7

13 / 2

13 / 3

13 / 4

13 / 5

13 / 6

13 / 7

13 / ⋮

12

$\begin{array}{r} 6 \\ 2\overline{)13} \\ 12 \\ \hline 1 \end{array}$ $\begin{array}{r} 4 \\ 3\overline{)13} \\ 12 \\ \hline 1 \end{array}$ $\begin{array}{r} 3 \\ 4\overline{)13} \\ 12 \\ \hline 1 \end{array}$

$\begin{array}{r} 2 \\ 5\overline{)13} \\ 10 \\ \hline 3 \end{array}$ $\begin{array}{r} 2 \\ 6\overline{)13} \\ 12 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 7\overline{)13} \\ 7 \\ \hline 6 \end{array}$

$\begin{array}{r} 1 \\ 8\overline{)13} \\ 8 \\ \hline 5 \end{array}$

$\sqrt{}$

Arrays → N.P. DataType

↳ classes & object

int x = 1;

Class

int[] x = {1, 2, 3, 4, 5};

5

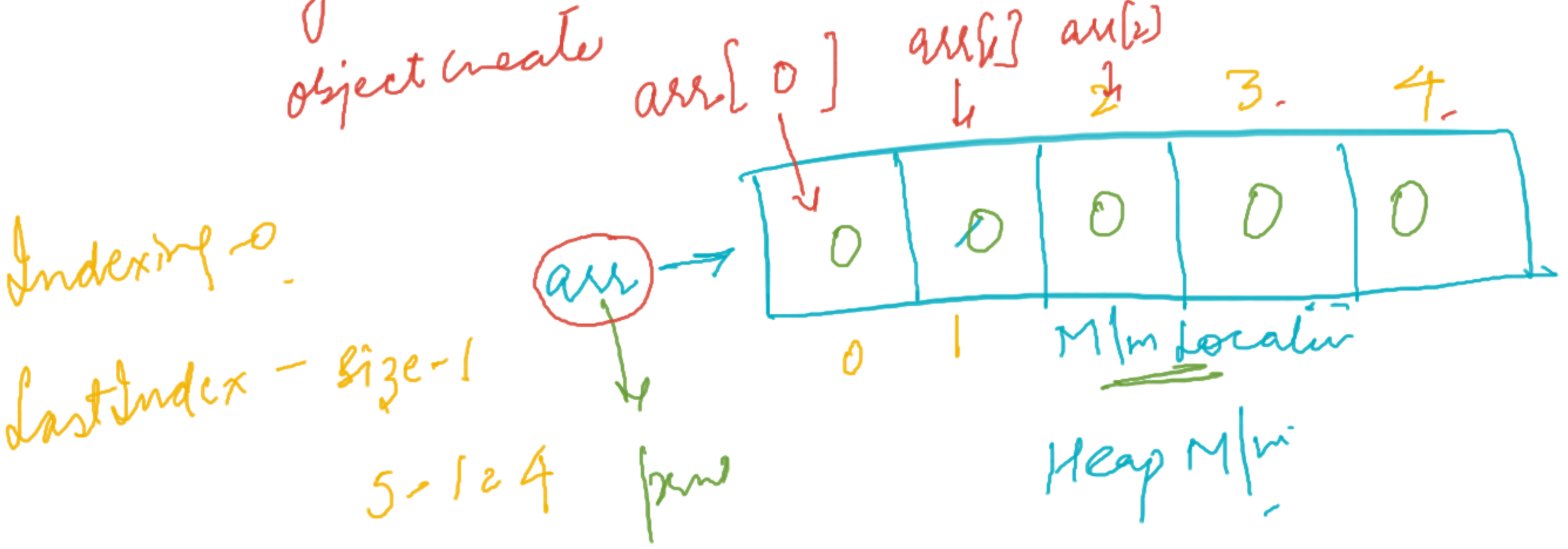
Size - fixed

```
int[] arr = new int[5];
```

Objects → Heap M/m Area.

keyword

object create



Indexing - 0.

LastIndex - size-1

5-1=4

arr.name[index no]