

Q.

10	20	30	40	50
----	----	----	----	----

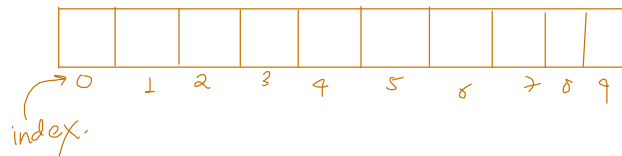
num = 30

10	20	40	50	
----	----	----	----	--

o Array: Variable  $\rightarrow$  1 value at a time.

Syntax:

$\downarrow$  datatype[] name = new datatype[10];



Q. Armstrong (2 + 19)  $\rightarrow$  3 digit any number.

$$153 = 1^3 + 5^3 + 3^3 \\ = 1 + 125 + 27 \\ = 153$$

5x5x5

$$123 = 1^3 + 2^3 + 3^3 \\ = 1 + 8 + 27 \\ = 36$$

123 is not an Armstrong num.