

INTRODUCTION TO PROGRAMMING

For Loops

It is a repetition control structure, you can quickly create a loop that has to run a certain number of times.

Loop condition
↓
e.g. - for(i=0; i<5; i++);
↑ ↑
Declare loop variable Increment or decrement cycle

Array

Arrays are arranged groups of items with a predetermined size.

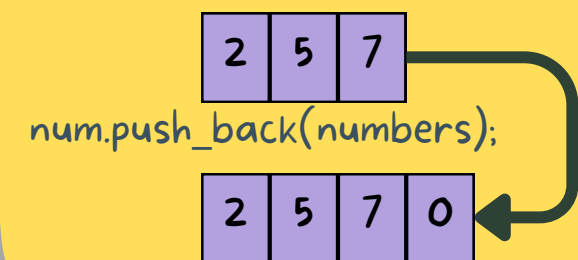
e.g. - `int num[5] = {2,3,9,8,98};`

↑ ↑
Array index Array elements

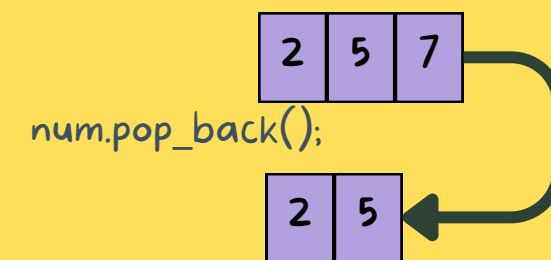
Vector Array

Resizable and dynamically allocated array
e.g. - `vector<int> num;`

`int numbers = read_line();`



`int numbers = read_line();`



Pointers

Pointers are symbolic representations of addresses.

