

## Cpp projects

Date :2022

During this year i follow two C++ courses .

The first learnt me the basics (with around **5** kind of real tiny projects) , pointers, struct , etc .

But the second was the main one :

From this course I learnt about how to implements Classes in C++ (I already used Classes with python / JS) :

Learning the different types of constructor destructor ,the inheritance , nested Classes ,virtual / abstract Classes , operator overload anonymous functions ,STL ,template functions, pointer to functions and so on.

The projects that I had to do for this course was mainly system management :

- business's employees management ,
- grocery store's stocks ,
- army organization ,
- polygons manipulation,
- binary file manipulation,
- Data structure implementation ( queue with Vector/List, stack with queue etc.)

And more of the same style

With a total of **11** projects for this course.

- Learning Operating System by myself I got to rewrite some program which interact with winApi for writing into Registry keys
- In my Reverse-Engineering course I also got to Reverse .Exe into .Cpp

In total I've done something like like **18+-** projects in C++