

## Some Tips

CS 2412 Data Structures

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### How to use visual studio for C programs:

- Open a console project as C++

File -> New -> Project

- In the new project window, select Win 32 Console Application.
- In the application wizard: select console application, empty project and deselect precompiled header.
- PROJECT -> configuration properties -> C/C++ -> All Options -> Compile as C Code (/TC)
- Right click Source files to add source code or click header files to add header file.
- The default file is \*.cpp, save the file as \*.c or \*.cpp
- build
- Local Windows Debugger

### Understand following questions:

- Why we write each function in separated files.
- Why we need header files
- What things we need to put in the header file
- How the compiler work with header file and other files.

### Look at some files of visual studio:

C:\Program Files (x86)\Microsoft Visual Studio 11.0\VC\crt\src

Try to look some header files and c files. For examples: `stdlib.h`, `malloc.h`, `malloc.c`, etc.