

Chapter 11 – Class Inheritance and Composition

On Your Own (OYO)

1. Download and unzip the CH 11 CPP SOURCE CODE folder from Schoology. Create a Visual Studio Project and import the .cpp and .h files.
2. Using the dateType implementation files provided (dateTypeImp and extDateTypeImp), MODIFY their associated header files (dateType.h and extDateType.h), to include a ROBUST description of the class function purpose, parameters that are passed, and pre and post conditions.
3. For credit, your work needs to reflect the approach and level of detail we've modeled in class, in both the Chapter 10 and Chapter 11 examples. (If you did not take good notes, go get a book and model the best practices shown there.) You need to provide enough information that I know you understand what is happening, how to use the classes, what parameters are passed and why. In a real world situation, it would be another developer looking at your work, so it needs to be detailed, specific and accurate. When in doubt, over-document!
4. Once you have the header files thoroughly documented, write a "main" driver function that will invoke at least three functions (total) from dateType and extDateType classes. At least one must use a function from the extended class file. Use keyboard input and screen output to demonstrate functions are working correctly.
5. Once you have fully build out the header file function usage documentation AND the driver file working, zip your project as usual and upload it to your wiki.

THIS IS AN ON YOUR OWN PROJECT. USE YOUR NOTES, THE BOOK AND YOUR TEACHER IF YOU NEED HELP. YOUR NEIGHBOR/BUDDY IS *NOT* A RESOURCE FOR YOU ON THIS PROJECT.