

CE103 Algorithms and Programming I

Week-12 (C/Cpp GUI Programming)

Fall Semester, 2021-2022

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The workspace window shows a project structure on the left with files like Persist.cpp, Stdafx.cpp, MainFrm.h, mymfc14.h, mymfc14Doc.h, mymfc14View.h, Persist.h, Resource.h, Stdafx.h, Resource Files, ReadMe.txt, and External Dependencies. The main editor displays C++ code for `CHymfc14View` with the following content:

```
#undef THIS_FILE
static char THIS_FILE[] = __FILE__;
#endif

//////////////////////////////////////
// CHymfc14View

IMPLEMENT_DYNCREATE(CHymfc14View, CView)

BEGIN_MESSAGE_MAP(CHymfc14View, CView)
    {{AFX_MSG_MAP(CHymfc14View)
        // NOTE - the ClassWizard will add and remove mapping macros here.
        // DO NOT EDIT what you see in these blocks of generated code!
    }}AFX_MSG_MAP
END_MESSAGE_MAP()

//////////////////////////////////////
// CHymfc14View construction/destruction

CHymfc14View::CHymfc14View()
{
    // TODO: add construction code here
}
```

Below the workspace window, the compiler and linker output messages are shown:

```
mymfc14Doc.cpp
mymfc14View.cpp
Persist.cpp
Generating Code...
Linking...

mymfc14.exe - 0 error(s), 0 warning(s)
```

Navigation buttons at the bottom include Build, Debug, Find in Files 1, Find in Files 2, Results, SQL Debugging, and status indicators for Ln 16, Col 1, REC, COL, OVR, and READ.

The screenshot shows the Microsoft Visual C++ IDE window titled "mymfc3 - Microsoft Visual C++ - [mymfc3.rc - IDD_ABOUTBOX (Dialog)]". The menu bar includes File, Edit, View, Insert, Project, Build, Layout, Tools, Window, and Help. The toolbar contains various icons for file operations and development tools. The "winmain" window is active, showing the "CAboutDlg" class in the "CAboutDlg" resource view. The "About mymfc3" dialog box is displayed, containing the following text:

myMFC3 Version 1.0
Copyright (C) 2006

The dialog box has an "OK" button and a close button (X). The background shows the resource view tree with folders like Accelerator, Dialog, Icon, and IDR_MAINFRAM.

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