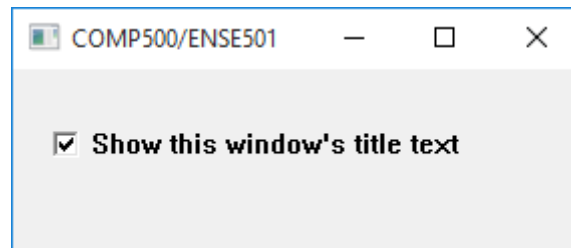


COMP500 / ENSE501: Week 12 – Exercise:

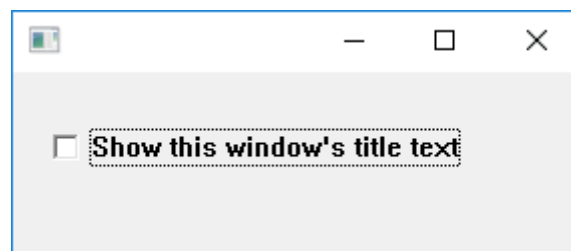
EXERCISE NAME: *Checkbox*

Design and implement a program that creates a window that contains a clickable checkbox as follows:



Checkboxes can be created with **CreateWindow** using the **BUTTON** window class, with the additional **BS_CHECKBOX** windows style flag.

When the user clicks the checkbox off, the window's title bar text must disappear, as follows:



When the user clicks the checkbox on, the window's title bar text must reappear.

You will need to review the following functions in the MSDN help documentation, remember to press F1 within Visual Studio to get help on the following:

- **CreateWindow**
 - **WS_VISIBLE**
 - **WS_CHILD**
 - **BS_CHECKBOX**
- **SetWindowText**
- **CheckDlgButton**
 - And the flags:
 - **BST_UNCHECKED**
 - **BST_CHECKED**
- **IsDlgButtonChecked**
- The window's messages:
 - **WM_CREATE**
 - **WM_COMMAND**

Ensure your source code compiles and follows good programming standards. Ensure your program is well tested.