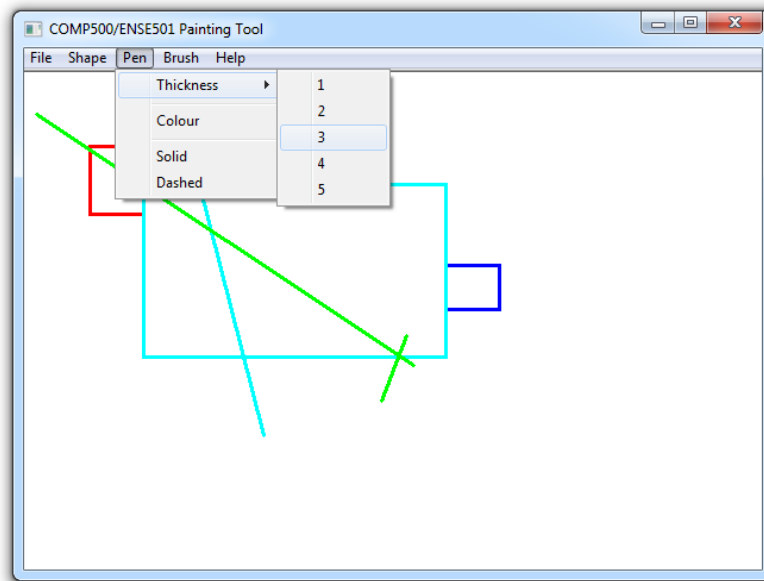


COMP500 / ENSE501: Week 12 – Exercise:

EXERCISE NAME: *Painting Tool*

Using the Windows API and GDI, create a basic painting tool. An example of the program is as follows:



Create a top-level menu, with associated popup menus, to allow the user to select different shapes to draw:

- Line
- Rectangle
- Ellipse

As well as:

- Choosing different pen colours, thicknesses, and styles.
- Choosing different brush colours and styles.
- Accessing the Colour Chooser dialog to select pen and brush colour.

You will need to use the MSDN documentation to discover how to get WM messages that contain the mouse coordinates, messages for mouse button up and down events, as well as how to send the repaint message. Start by looking at the following:

- **WM_MOUSEMOVE**
- **InvalidateRect()**