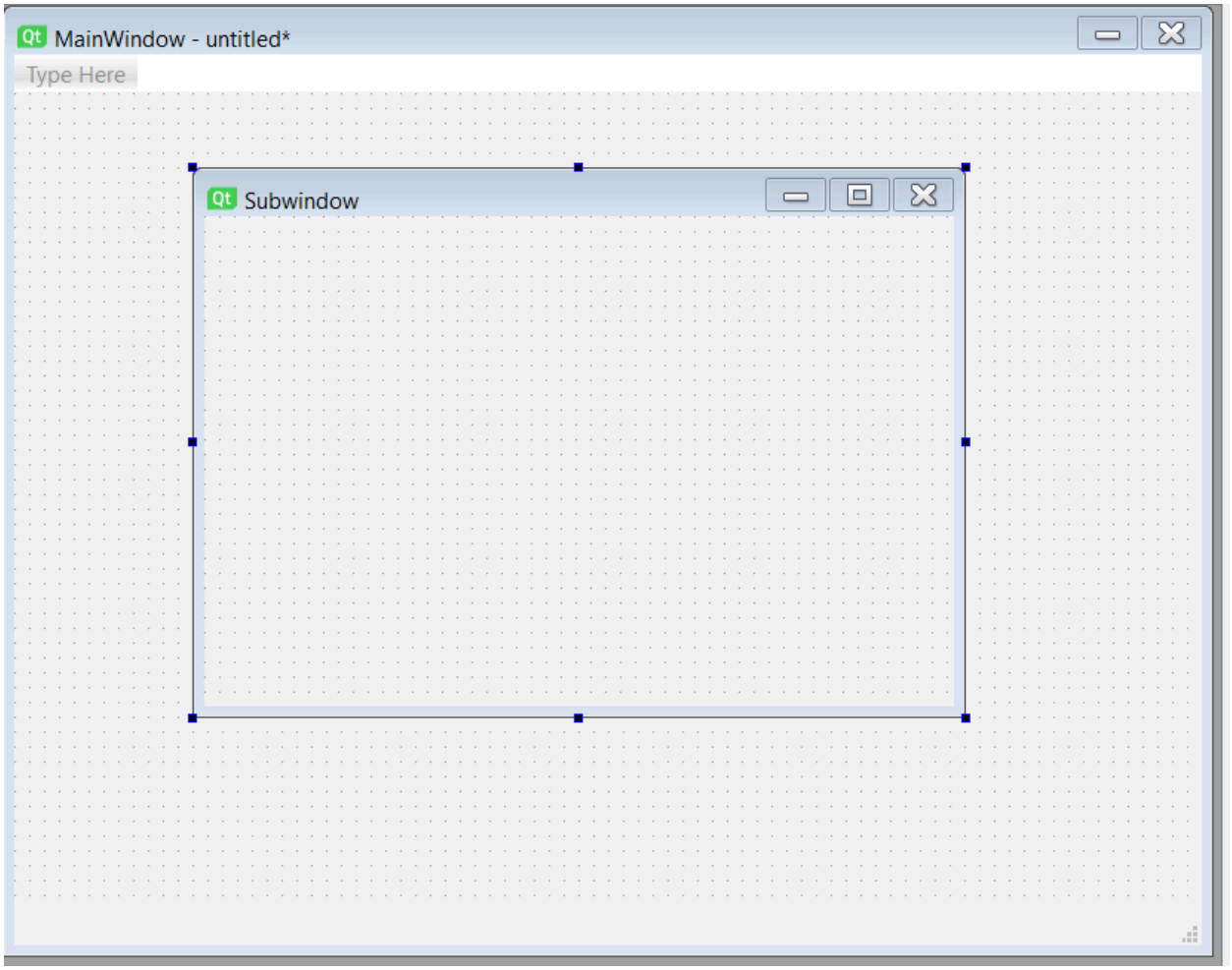
Instructions to building an MDI (Multiple document Interface)

1. create a new Main Window application and drop an MdiArea widget on the form. Right-click on the widget and select Add Subwindow from the context menu to add a subwindow to the MdiArea. In Figure 11.1 you can see a subwindow inside an MdiArea widget:

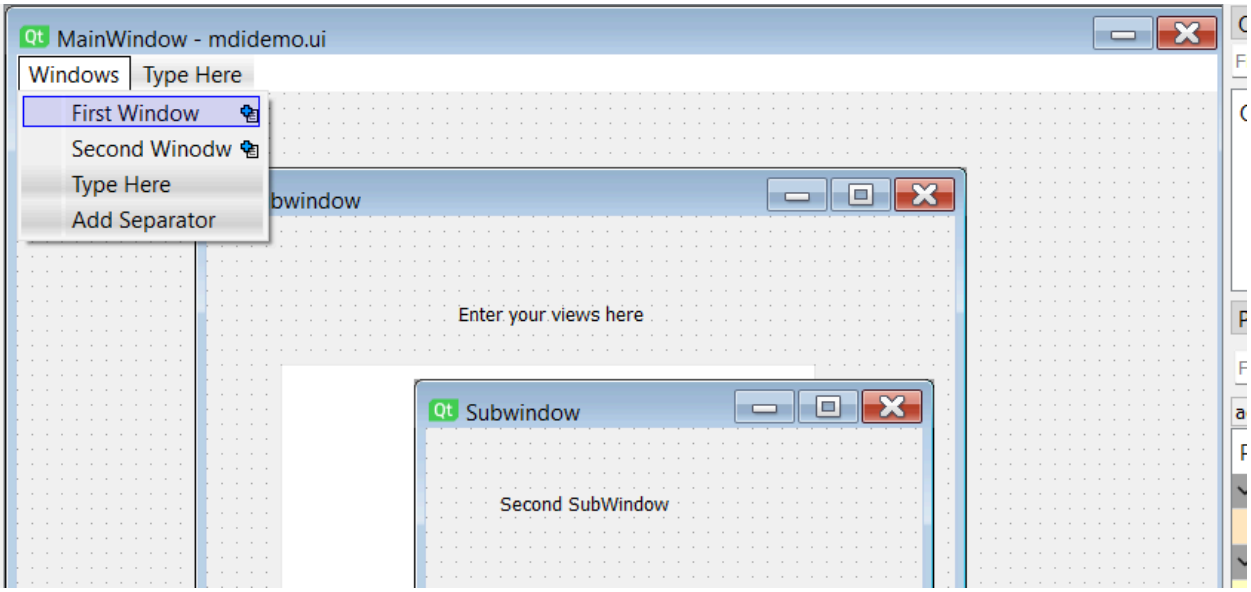


2. Repeat the procedure to add one more subwindow**(Meaning right click on the same MDI AREA widget and select Add Subwindow from the context menu to add a subwindow to the MdiArea**) . Drag and drop some widgets in the respective subwindows to show some content. Drop Label and TextEdit widgets in the first subwindow and a Label widget in another subwindow and set their text as shown in Figure 11.2. To change focus from one subwindow to another and arrange them in cascade and tile fashion, you need Push Buttons, so drag and drop seven Push Button controls onto the form and set their text to Show Next, Show Previous, Close All, Cascade, Tile, SubWindow View, and Tabbed View as shown in Figure 11.2:

Figure 11.2. A form displaying the MdiArea with two subwindows and seven Push Buttons.

NOT ABOVE WE DRAGGED A MDI WIDGET. YOU CAN RIGHT CLICK AND
As previously stated, documents in the MdiArea can be viewed in two modes, Sub-Window view and Tabbed view. SubWindow view is the default view mode. Subwindows can be arranged in cascade or tile fashion, and the content of more than one subwindow can be seen simultaneously if arranged in tile fashion.
In Tabbed view, several tabs appear in a tab bar. When a tab is selected, the subwindow associated to it is displayed. Only content of one subwindow can be seen at a time.

3. Since you want to arrange and activate subwindows in the MdiArea through a menu, replace the Type Here placeholder in the menu in the menu bar with Windows and add two entries to it: First Window and Second Window:



4. Save the application with the name mdidemo.ui.

5. Then use the pyuic4command line utility to convert the .ui(XML) file into Python code.

6.Now create the **.pyw file**