Notes to self
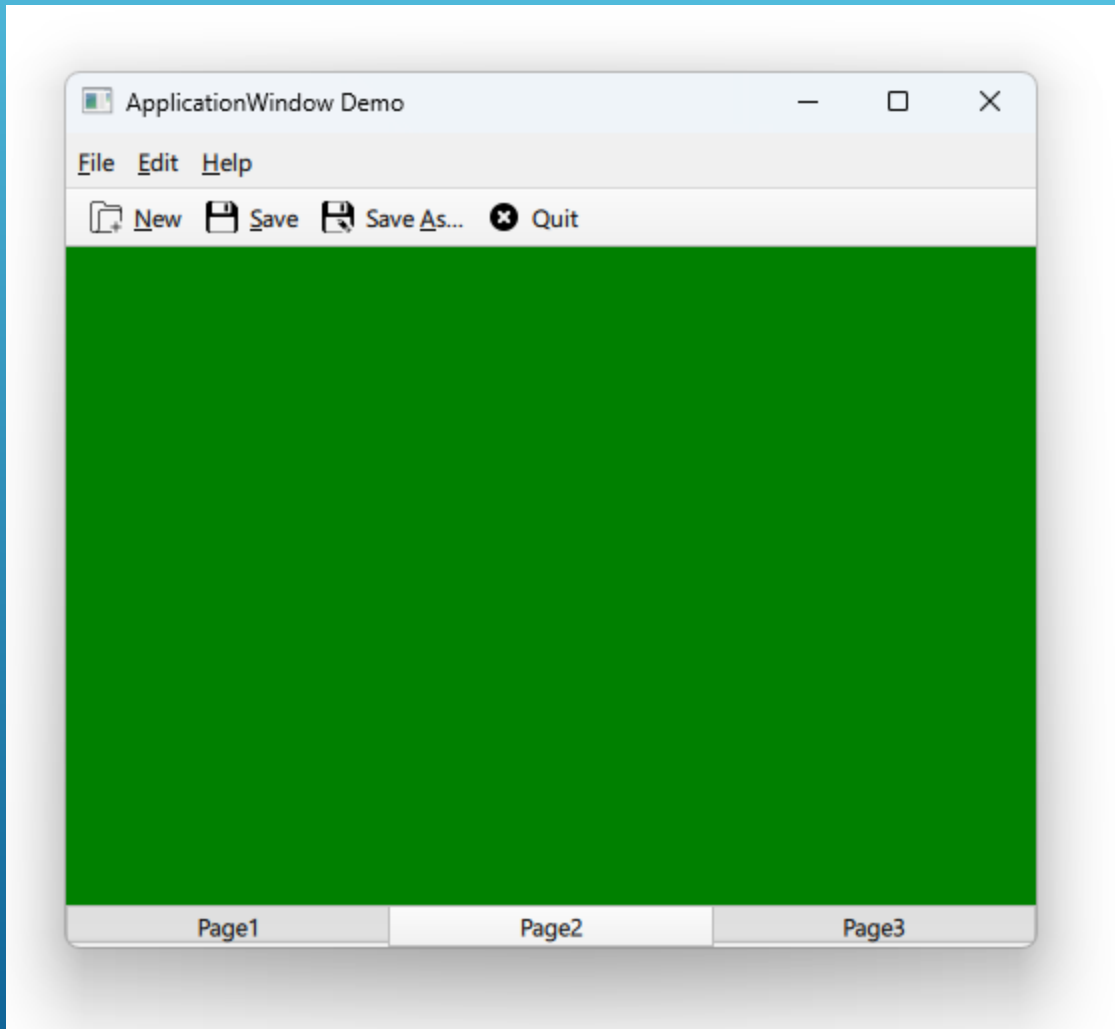
```
. Exploring ApplicationWindow
    . Menus and menu items and actions
    . toolbars and actions
    . main content : stackView
    . footer


. Note : Note: A pop() operation on a stack with
    depth 1 or 0 does nothing. In such cases, the
    stack can be emptied using the clear() method.


. This explains why we see a depth of 2 when we change pages.
 . Improvise and refer to the Qt 5 course if necessary.
```

Drawer

A bird's eye view

```
ApplicationWindow {
    visible: true
    width: 640
    height: 480

    menuBar: MenuBar {...}
    header: ToolBar {...}
    footer: TabBar {...}

    //Main Content
    StackView {
        id : mStackId
        anchors.fill: parent
        initialItem: Page1{

        }
    }
}
```

Page component

```
import QtQuick 2.12
Rectangle {
    color: "red"
}
```

Menus

```qml
menuBar: MenuBar {
    Menu {
        title: qsTr("&File")
        Action {
            id : newActionId
            text: qsTr("&New")
            icon.source: "qrc:/images/newFileIcon.png"
            onTriggered: {
                console.log("Clicked on new")
            }
        }
        Action {...}
        MenuSeparator{}
        Action {...}
    }
    Menu {...}
    Menu {...}
}
```

ToolBar

```qml
header: ToolBar {
    Row {
        anchors.fill: parent
        ToolButton{
            action: newActionId
        }
        ToolButton{
            action: saveActionId
        }
        ToolButton{
            action: saveAsActionId
        }
        ToolButton{
            action: quitActionId
        }
    }
}
```

Footer

```qml
footer: TabBar {
    id : mTabBar
    width: parent.width

    TabButton {
        text : qsTr("Page1")
        onClicked: {
            mStackId.pop()
            mStackId.push("Page1.qml")
            console.log("Number of items : " + mStackId.depth)
        }
    }
    TabButton {...}
    TabButton {...}
}
```

NoCode

CMake

```
find_package(Qt6 6.2 COMPONENTS Quick QuickControls2 REQUIRED)
...
target_link_libraries(app2-Button
    PRIVATE Qt6::Quick Qt6::QuickControls2)
```