

## Group Boxes in Vertical

1. Open Qt Designer and create a new application based on the Dialog without Buttons template.
2. drag and drop two Group Box widgets onto the form
3. Set their titles to Ice Creams and Drinks
4. Also, set the **checkable property** of the Drinks Group Box to True, using the Property Editor
5. Add four Radio Buttons to the Ice Creams Group Box and three Radio Buttons to the Drinks Group Box.
6. Set the **text properties** of the Radio Buttons in Ice Creams Group Box to Plain Vanilla \$5, Black Sunday \$10, Chocolate Chips \$20, and Strawberry \$15
7. Similarly, set the **text property** of the Radio Buttons in the Drinks Group Box to Coffee \$5, Cold Drink \$10, and Juice \$15.
8. To display the price of an item from the Group Boxes, drag and drop a Label widget and delete its textproperty; you will assign text to it, i.e., total price of the items selected, through programming
9. Drag and drop two Vertical Spacers on the form, one above and one below the Label widget.
10. Finally drop a Push Button on the form and set its text to Calculate Bill.
11. To lay out the two Group Boxes, Ice Creams and Drinks vertically, select both of them through Shift+click and select LayOut Vertically icon from the toolbar

## Using the Grid Layout

The Grid Layout arranges widgets in a stretchable grid

1. Select the vertical Group Boxes, vertical spacers, the invisible Label widget (its nodes will appear if you click its approximate location), and the Calculate Bill Push Button with Shift+click and select the Grid Layout icon from the toolbar.
2. Save and convert the .ui to a .py file