

CPE 353 Practice Problem 0002_Layout_Grid

Executable Sample Solution

The goal is to develop your application such that its appearance and behavior *exactly* matches that of the sample solution. To execute the sample solution, log into **blackhawk.ece.uah.edu**, redirecting the X11 display to your current machine – see the relevant Remote Access Guide on the course web page for assistance with this. Then in a terminal window, type the following command to execute the sample solution for this problem

```
/home/work/cpe353/problems/p0002
```

Project Specifications

Use the **qtcreator** integrated development environment to develop a Qt 5 dialog application that has the following nine displayable widgets, arranged in a grid, appearing in the order indicated in the sample solution

QPushButton object containing the text “**Top Left**”

QPushButton object containing the text “**Top Center**”

QPushButton object containing the text “**Top Right**”

QLabel object with a box frame containing the text “**Left Label**” that is centered horizontally within the label.

QLabel object with a box frame containing the text “**Center Label**” that is centered horizontally within the label.

QLabel object with a box frame containing the text “**Right Label**” that is centered horizontally within the label.

QPushButton object containing the text “**Bottom Left**”

QPushButton object containing the text “**Bottom Center**”

QPushButton object containing the text “**Bottom Right**”

Be sure to compare the appearance and behavior of your solution to that of the sample solution when resizing the displayed window.

