

CPE 353 Practice Problem 0001_Layout_Vertical

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/p0001
```

Project Specifications

Use the **qtcreator** integrated development environment to develop a Qt 5 application that has the following sequence of three displayable widgets appearing in the order listed below from top to bottom on a **Dialog** object where **Dialog** is a custom class that inherits directly from **QDialog**.

QLabel object with a WinPanel frame containing the text “**Red Alert**” that is centered horizontally within the label.

QSlider object that is horizontal.

QPushButton object containing the text “**Go**”

Note the spacer inserted in between the **QDial** object and the **QPushButton** object.

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