CPE 353 Practice Problem 0013_NumberConversion

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/p0013

Project Objectives

- Additional practice locating help pages within **Qt Assistant** and practice understanding the contents of those help pages
- Practice using C++ statements with your Qt program to create and display widgets
- Practice creating Qt signal-slot connections
- Practice using input validators
- Practice using Qt string conversion methods

Project Specifications

Use the **qtcreator** integrated development environment to implement a dialog that will allow you to convert base ten integers into binary, octal, and hex equivalents based upon the button selected.

The desired behavior for each operation is defined by the sample solution.

Be sure to match the look and functionality of the sample solution running on **blackhawk**.