

Program 3: Carpet Order

CSCE 204 – Fall 2009

Program 2: Carpet Size

Part 1: Complete the 6-step design process specified in Programming Challenge 1: Carpet Size in Chapter 1.

Part 2: Implement the carpet size program as specified.

Part 3: Modify the design to include the computation and display of the carpet price. Assume a price of \$4.00 a square foot.

Part 4: Implement the revised carpet size program as specified.

Revise Program 2 to create a complete carpet order with the following extensions:

Extension 1: Check the input data for validity. Both the room width and the room length should be positive numbers [greater than zero].

Extension 2: Allow a choice of carpet color. Use radio buttons to allow the user to select a color; the design should allow the user to view at least small patches of color. Include Gamecock Garnet, Boring Brown, and at least two other colors/patterns of your choice.

Due: Friday, September 25

Submit the specifications and program through the CSE dropbox; a link has been added to the class web page.