Instructions:

1. Write a program that declares variables to represent the length and width of a room in feet and the price of the carpeting per square yard in dollars and cents. Assign the value 25 to the length variable and the value 42 to the width variable. Compute and display the cost of carpeting the room. (Hint: There are nine square feet in one square yard.)
   - Use the value 22.32 as the cost of the carpet per square yard
   - Assume that the length and width of the room will never contain decimal values
   - Format the output of the program as shown in the example output
2. Insert a comment at the top of the code which contains the name of the lab, the date the lab was written and the person who wrote the lab
   - Labs will not be graded unless this is present
3. Compress and archive the solution folder and submit it to the class web site

Example Output:

```
Your room of 25 by 42 contains 1050 square feet or 116.67 square yards.
At a price of $22.32 this will cost you $2,604.00.
Press any key to continue . . .
```

Grading:

5 – General, comments, formatting, functionality, etc
4 – Proper number of variables created
4 – Proper type of variables created
4 – Math
4 – Output