CISP 300   Week 4 Assignment 4

214#5 Color Mixer

The colors red, blue, and yellow are known as the primary colors because they cannot be made by mixing other colors. When you mix two primary colors, you get a secondary color, as shown here:

When you mix red and blue, you get purple.

When you mix red and yellow, you get orange.

When you mix blue and yellow, you get green.

Design and code program that prompts the user to enter the names of two primary colors to mix. If the user enters anything other than "red," "blue," or "yellow," the program should display an error message. Otherwise, the program should display the name of the secondary color that results.

214#6 Book Club Points

Serendipity Booksellers has a book club that awards points to its customers based on the number of books purchased each month. The points are awarded as follows:
- If a customer purchases 0 books, he or she earns 0 points.
- If a customer purchases 1 book, he or she earns 5 points.
- If a customer purchases 2 books, he or she earns 15 points.
- If a customer purchases 3 books, he or she earns 30 points.
- If a customer purchases 4 or more books, he or she earns 60 points.

Design a program that asks the user to enter the number of books that he or she has purchased this month and displays the number of points awarded.

Assignment Graded: _____

Flowcharts are mandatory. If you do not complete the flowchart, you will get 0 points for the assignment.

Rubric:

Flowchart--	8
Program follows flowchart------------------	6
Header comments----------------------------	2
Internal comments----------------------------	2
Meaningful variable names------------------	2
Correct output, uses decision structures	8
Labels with output----------------------------	2
TOTAL--	30