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CS 89A.01

Final Project

The purpose of the Movie Store program is to calculate the amount of DVD and/or Blu-Ray movies that the user have ordered and the total price of said order with the number of items sold. If the user has bought over $50 of movies in total, then he/she will receive free shipping.

Movie Store only sells DVD and Blu-Ray movies to users. No titles available and only the letters “b” and “d” can be typed into the program to select the movie type.

Algorithm - **chapter 1, pages 11 to 13**

Comments - **chapter 2, pages 34 and 35**

Variable Initialization - **chapter 2, pages 66**

Namespace and using cin and cout in a program - **chapter 2, pages 80 and 81**

Prompt lines - **chapter 2, pages 91**

Input and output - **chapter 3, pages 124 and 125**

If and if…else - **chapter 4, page 187**

Switch structures - **chapter 4, pages 225 and 226**

While looping structure – **chapter 5, pages 267 to 269**

For loop – **chapter 5, pages 296**

Void functions – **chapter 6, pages 376 to 382**

Arrays as parameters to functions – **chapter 8, pages 532 to 533**

Structs (records) – **chapter 9, pages 610 to 612**  
Class – **chapter 10, pages 650 to 654**

Order of public and private members of a class – **chapter 10, page 668**

Constructors of Derived and Base Classes **– chapter 11, pages 748 to 756**

Declaring Pointer Variables **– chapter 12, pages 812 to 813**

try/catch Block Exception Handling **– chapter 14, pages 1002 to 1009**

Recursion **– chapter 15, page 1067**

Linked Lists – **chapter 16, pages 1072 to 1085**