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CSE 210

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Final Project Plan (Guided Tour)

Program 1: Abstraction with YouTube Videos

For this program I need to write a program that can effectively store the name length and author of a video. I also need to be able to display the number of comments as well as the authors and its contents, so they can be displayed and analyzed.

Program 2: Encapsulation with Online Ordering

For this program I need to create a program that can track products being sold as well as customer information, to create shipping labels and receipts for purchases being made. This program will be adaptable for shipping location costs and can hold multiple order instances at a time.

Program 3: Inheritance with Event Planning

For this program I need to create a way to keep track of 3 different types of events with different specifications. Using inheritance to avoid duplicate code I need to make these classes self-containing.

Program 4: Polymorphism with Exercise Tracking

I need to write a program that is able to track three similar exercises Swimming Biking and Running. Using polymorphism I need to create virtual functions to customize the inherited functions to fit the specifics of each activity.