**WEEK FOUR 4 ASSIGNMENT**

**Foundation Program #1(Youtube Videos):**

This program keeps track of Videos in a Video class and Comments that is left on them. This program has a Video Class that tracks the title, the author, and the length of the video in seconds. Again each video has the responsibility of storing list of comments and also has a method that returns the number of comments.

A Comment class also has the responsibility of tracking the name, and the actual comment itself.

The diagram below shows the attribute and methods needed to perform this task.

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| --- |
| Video Class |
| \_title: string;  \_author: string;  \_length: int;  \_listOfComments: list<string>  Public Video(string video, string author, int length)  GetDetailsOfVideo() string  CountComments(int: \_numOfComments): int |
| Comment Class |
| \_name: string;  \_comments: string;  GetName(string: name): string  GetComments(string comment): string |

**Foundation Program #2:**