<https://github.com/grahamssendagire/cse210-student-template/tree/main/prove>

using System;

using System.Collections.Generic;

namespace VideoComments

{

class Video

{

public string Title { get; set; }

public string Author { get; set; }

public int Length { get; set; }

public List<Comment> Comments { get; set; }

public Video(string title, string author, int length)

{

Title = title;

Author = author;

Length = length;

Comments = new List<Comment>();

}

public int GetNumComments()

{

return Comments.Count;

}

}

class Comment

{

public string Name { get; set; }

public string Text { get; set; }

public Comment(string name, string text)

{

Name = name;

Text = text;

}

}

class Program

{

static void Main(string[] args)

{

List<Video> videos = new List<Video>();

Video v1 = new Video("Introduction to C#", "John Smith", 300);

v1.Comments.Add(new Comment("Alice", "Great video!"));

v1.Comments.Add(new Comment("Bob", "Thanks for the tutorial!"));

v1.Comments.Add(new Comment("Charlie", "Very helpful, thanks!"));

videos.Add(v1);

Video v2 = new Video("C# OOP Concepts", "Jane Doe", 450);

v2.Comments.Add(new Comment("David", "Nice explanation of OOP!"));

v2.Comments.Add(new Comment("Eva", "Very informative, thanks!"));

videos.Add(v2);

Video v3 = new Video("Debugging Tips in C#", "Mike Johnson", 200);

v3.Comments.Add(new Comment("Frank", "This saved me a lot of time!"));

videos.Add(v3);

foreach (Video v in videos)

{

Console.WriteLine("Title: " + v.Title);

Console.WriteLine("Author: " + v.Author);

Console.WriteLine("Length: " + v.Length + " seconds");

Console.WriteLine("Number of comments: " + v.GetNumComments());

Console.WriteLine("Comments:");

foreach (Comment c in v.Comments)

{

Console.WriteLine("- " + c.Name + ": " + c.Text);

}

Console.WriteLine();

}

Console.ReadLine();

}

}

}