**Homework 4 Questions**

1. **What are data annotations (Give an example)?**

Data annotations are attribute tags like validation attributes that validate a phone number.

1. **Why might data annotations be useful?**

They allow you to manage the data definition in a single place.

1. **In your own words, describe dependency injection.**

A dependency injection is where the objects are provided for the object that uses them.

1. **What did you use dependency injection for in the tutorial?**

To provide the context for the razor pages.

1. **What is the command that you used to scaffold the model?**

dotnet aspnet-codegenerator razorpage -m Movie -dc RazorPagesMovieContext -udl -outDir Pages/Movies –referenceScriptLibraries

1. **What does scaffolding do? In other words, what is the purpose of scaffolding?**

It creates the Create, Delete, Details, Edit and Index RazorPagesMovieContext.cs files and updates the Startup.cs file.

1. **What are the commands to perform database migration?**

dotnet ef migrations add InitialCreate

dotnet ef database update

1. **What did we used to do instead of migrations to create the database? Why should we use migrations now?**

We used Code First Migrations. Migrations should be used because they update the database schema to match changes in the data model.

1. **What is one error or problem that you ran into while going through this tutorial?**

The initial migration commands were giving me errors.

1. **How did you solve that problem?**

I ultimately deleted my project and started over and was able to get the commands to work.