Exercises

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Changing Data

Download **Section 8 - Exercise Files.zip** attached to this lecture and open the solution in Visual Studio. Then, go to **Tools** > **Package Manager** > **Package Manager Console** and run **Update-Database**. This will generate a new database called **Vidzy_UpdatingData** populated with some data.

Note: For each exercise, create a separate method. Make sure that your methods are properly named and they reflect the intent. Pay great attention to the number and type of arguments for these methods so that they're reusable. In the Main() method, simply call each of your methods.

Note: In each method, wrap your context with the "using" block to ensure it's disposed at the end of the method. Example:

```
using (var context = new Context())
{
}
```

1- Add a new video called "Terminator 1" with genre Action, release date 26 Oct, 1984, and Silver classification. Ensure the Action genre is not duplicated in the Genres table.

2- Add two tags "classics" and "drama" to the database. Ensure if your method is called twice, these tags are not duplicated.

3- Add three tags "classics", "drama" and "comedy" to the video with Id 1 (The Godfather). Ensure the "classics" and "drama" tags are not duplicated in the Tags table. Also, ensure that if your method is called twice, these tags are not duplicated in VideoTags table.

4- Remove the "comedy" tag from the the video with Id 1 (The Godfather).

5- Remove the video with Id 1 (The Godfather).

6- Remove the genre with Id 2 (Action). Ensure all courses with this genre are deleted from the database.