Iteration Lab Answers

Lab 1: ForEach (Query Syntax)

```
(from row in songs
  let tmp = row.SongArtistAlbum = row.SongName +
      Environment.NewLine + row.Artist + Environment.NewLine +
      row.Album + Environment.NewLine
  select row).ToList();
```

Lab 1: ForEach (Method Syntax)

```
songs.ForEach(row =>
    row.SongArtistAlbum = row.SongName + Environment.NewLine +
    row.Artist + Environment.NewLine + row.Album +
    Environment.NewLine);
```

Lab 2: ForEach with Subquery (Query Syntax)

```
(from row in songs
  let tmp = row.GenreName =
    (from genreRow in genres
      where row.GenreId == genreRow.GenreId
      select genreRow.Genre).FirstOrDefault()
  select row).ToList();
```

Lab 2: ForEach with Subquery (Method Syntax)

```
songs.ForEach(row => row.GenreName =
   genres.Where(genreRow => row.GenreId == genreRow.GenreId)
        .Select(genreRow => genreRow.Genre)
        .FirstOrDefault());
```