

Select Lab Answers

Lab 1: Select All (Query Syntax)

```
list = (from row in songs
        select row).ToList();
```

Lab 2: Select All (Method Syntax)

```
// Method Syntax
list = songs.ToList();
```

Lab 3: Select Single Column (Query Syntax)

```
list = (from row in songs
        select row.SongName).ToList();
```

Lab 4: Select Single Column (Method Syntax)

```
list = songs.Select(row => row.SongName).ToList();
```

Lab 5: Select Specific Columns (Query Syntax)

```
list = (from row in songs
        select new Song {
            SongId = row.SongId,
            SongName = row.SongName,
            Artist = row.Artist,
            Album = row.Album,
            Year = row.Year
        }).ToList();
```

Lab 6: Select Specific Columns (Method Syntax)

```
list = songs.Select(row => new Song {
    SongId = row.SongId,
    SongName = row.SongName,
    Artist = row.Artist,
    Album = row.Album,
    Year = row.Year
}).ToList();
```