

# Entity Framework Lab Answers

## Lab 1: Get All Songs (Query Syntax)

```
var query = (from row in db.Songs
              select row);
```

## Lab 1: Get All Songs (Method Syntax)

```
var query = db.Songs;
```

## Lab 2: Add a Where Clause (Query Syntax)

```
var query = (from row in db.Songs
              where row.GenreId == 30
              select row);
```

## Lab 2: Add a Where Clause (Method Syntax)

```
var query = db.Songs
    .Where(row => row.GenreId == 30);
```

## Lab 3: Add an Order By (Query Syntax)

```
var query = (from row in db.Songs
             where row.GenreId == 30
             orderby row.SongName descending
             select row);
```

## Lab 3: Add an Order By (Method Syntax)

```
var query = db.Songs
    .Where(row => row.GenreId == 30)
    .OrderByDescending(row => row.SongName);
```

## Lab 4: Get Average Rating (Query Syntax)

```
double? avg = (from row in db.Songs
               where row.GenreId == 30
               select row)
    .Average(row => row.Rating);
```

## Lab 4: Get Average Rating (Method Syntax)

```
double? avg = db.Songs
    .Where(row => row.GenreId == 30)
    .Average(row => row.Rating);
```