Eager Loading in Entity Framework

Eager loading is the process whereby a query for one type of entity also loads related entities as part of the query, so that we don't need to execute a separate query for related entities. Eager loading is achieved using the **Include()** method.

Here along with the data of Category it will also run the data of Products through navigation property

If the retrieved data is less in number go ahead with eager loading.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace DBFirst1

{

    class LazyLoading

    {

        static void Main(string[] args)

        {

            ProdMgmtEntities db = new ProdMgmtEntities();

            foreach(Category c in db.Categories.Include("Products"))

            {

                Console.WriteLine("{0}\t{1}\t",c.Cid,c.Cname);

                Console.WriteLine("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

                foreach(Product p in c.Products)

                    Console.WriteLine(p.Pname);

                Console.WriteLine("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

            }

        }

    }

}