**Product.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.ComponentModel.DataAnnotations; //needeed for[key] attribute

namespace ConsoleEFCodeFirstDemo

{

class Product

{

[Key] //defining key for table

public int pid { get; set; }

[Required] // for not null attribute

public string ptitle { get; set; }

public double price { get; set; }

}

}

**Program.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleEFCodeFirstDemo

{

class Program

{

static void Main(string[] args)

{

InsertData();

}

private static void InsertData()

{

ProductContext pcx = new ProductContext();

Console.WriteLine("Enter Product Id");

int pid = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Enter Product Name");

string pname = Console.ReadLine();

Console.WriteLine("Enter Product Price");

double price = Convert.ToDouble(Console.ReadLine());

Product prd = new Product { pid = pid, ptitle = pname, price = price };

pcx.Products.Add(prd);

pcx.SaveChanges();

}

}

}

**ProductContext.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Data.Entity; //needed for Dbcontext class

namespace ConsoleEFCodeFirstDemo

{

class ProductContext:DbContext

{

//Dbcontext for interacting with database ..

public ProductContext() : base("ProductContext") { }

public DbSet<Product> Products { get; set; }

// Dbset collection of entity

}

}

ShowProduct Method.

public static void ShowProducts() {

ProductContext pdx = new ProductContext();

var products = pdx.Products;

foreach (var prd in products) {

Console.WriteLine("{0}\t{1}\t{2}\t", prd.pid, prd.ptitle, prd.price);

}

Console.ReadKey();

}