***Lab 8-LINQ with MVC***

*Create a new MVC Application:*

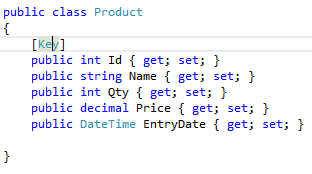
*File > New > Project > Project Name: LINQwithASP.NET > Click OK Button > Select MVC and click OK button.*

*Project will be create.*

*Add Model:*

*Right click on Model folder > Add > Class > Name = Product class.*

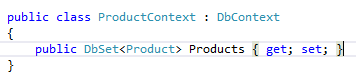
*Add the following code:*

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*Create Folder > Name = Context > Right click on the context folder > Add > Class > Name = ProductContext.*

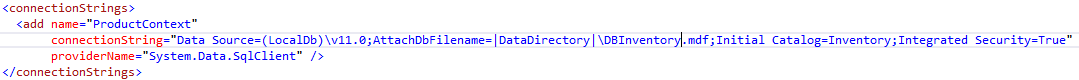
*Add the following code:*

**



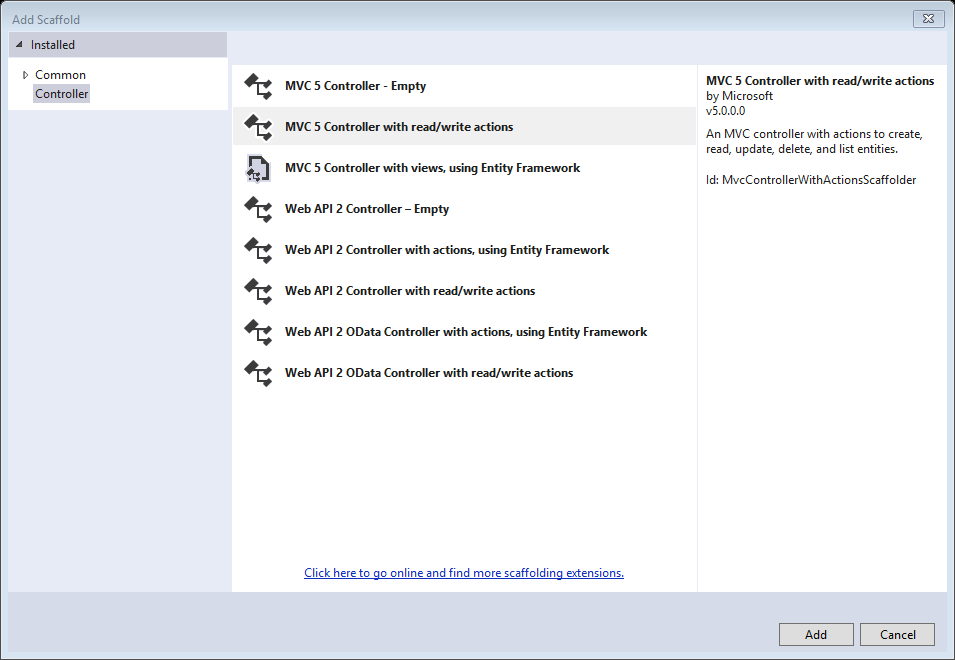
*Make modifications in the Web.config*

*Change the connection string name as “ProductContext” > Change Initial Catalog to “Inventory”*

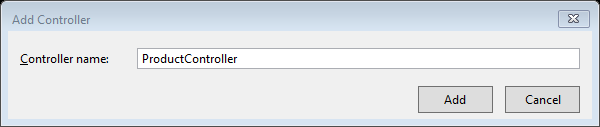
**

*Create a Controller:*

*Right click on Controller folder > Add > Controller*

**

*MVC5 Controller with read/write actions > click Ok*

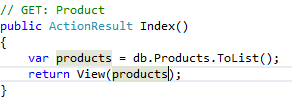
**

*Controller Name = ProductController.*

*Add the following code in the Controller:*

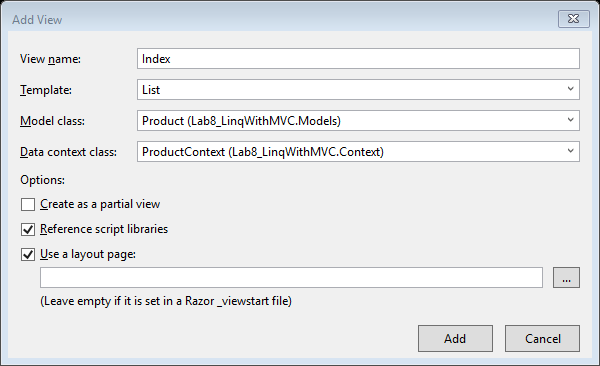
**

*In the Index action:*

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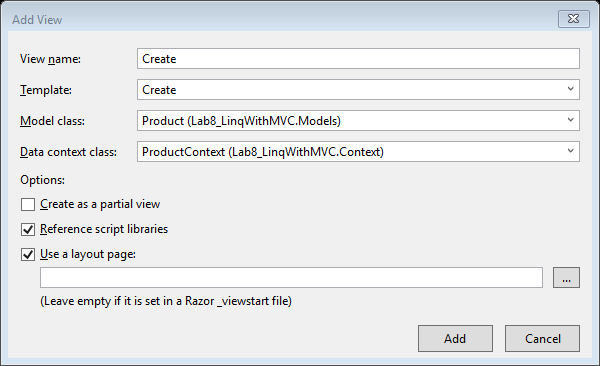
*Build the project*

*Right click on Index action > Add View*

**

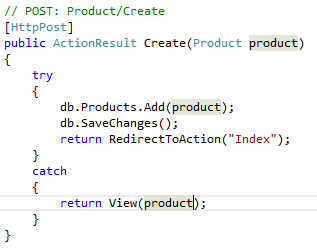
*Template = List > Model class = Product > Data context class = ProductContext > Add*

*Right click on Create action > Add View*

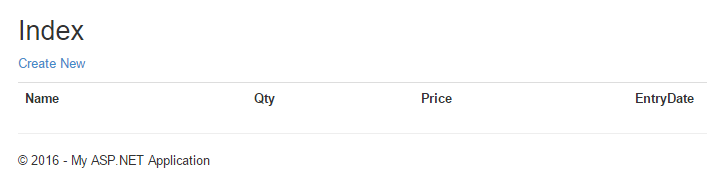
**

*Template = Create > Model class = Product > Data context class = ProductContext > Add*

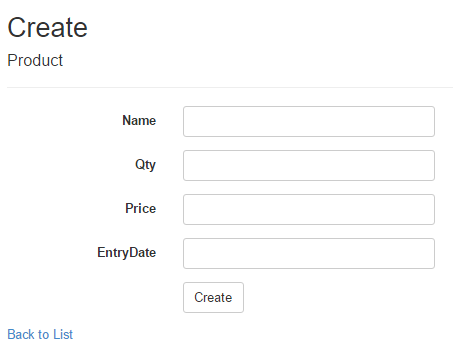
*Add the following code in ProductController*

**

*After execution:*

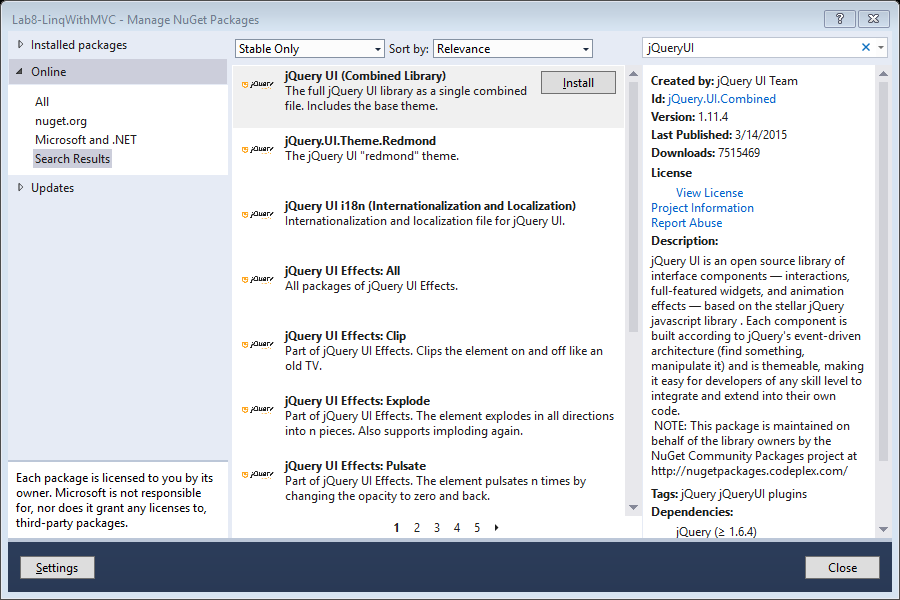
**

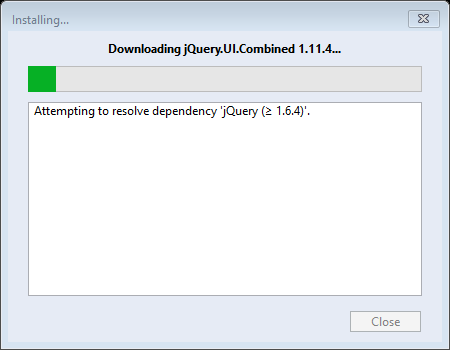
*When u click on Create New form will open:*

**

*On clicking on EntryDate we want to get the date picker.*

*Right-click on your Project in Solution Explorer > Select the "Manage NuGet packages" option.*



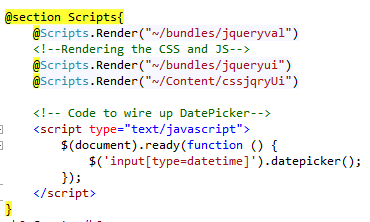
*Search for "jQueryUI" > Click "Install" option for the jQuery UI (Combined Library) package that appears within the results*

*The software will get installed > Click on close*

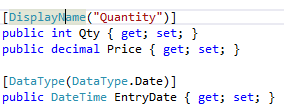
*Now we will implement Bundling concept. Add following code in BundleConfig.cs*

**

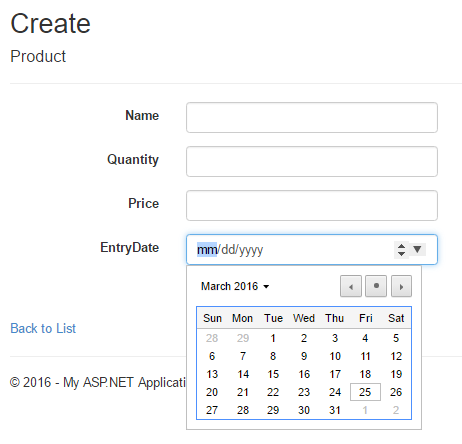
*Goto Create.cshtml and add the following code in @section Scripts block:*

**

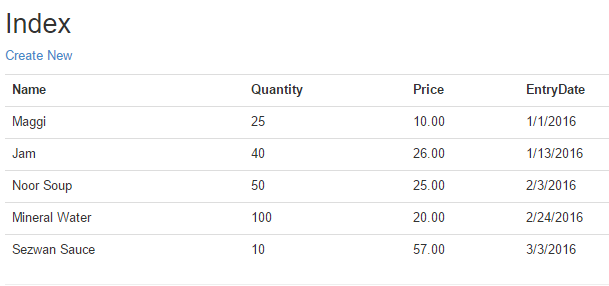
*Now add the following code in Product.cs*

**

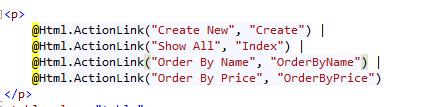
*Now when you execute the code, following will be the output:*

**

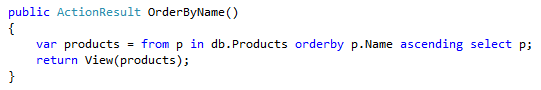
*Now add few products into the database using the GUI designed:*

**

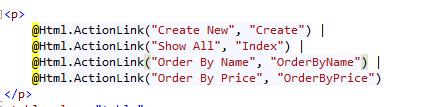
*Working with LINQ. For that we shall add 3 links in the Index.cshtml*



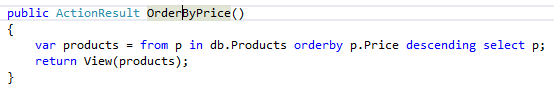
*In ProductController create all the OrderByName action method:*

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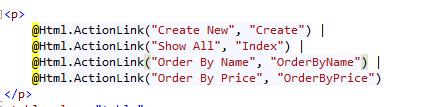
*Right click and add List view. And copy paste the other menu*



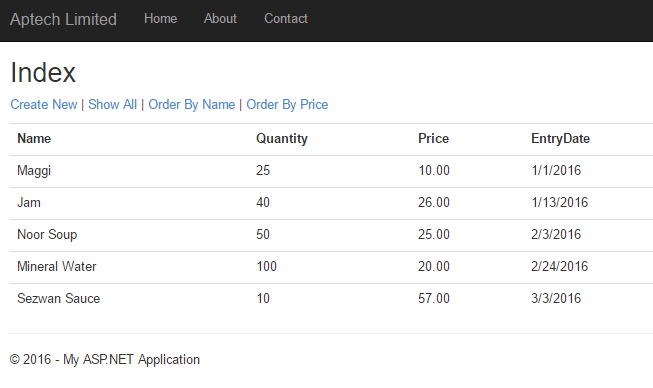
*In ProductController create all the OrderByPrice action method:*

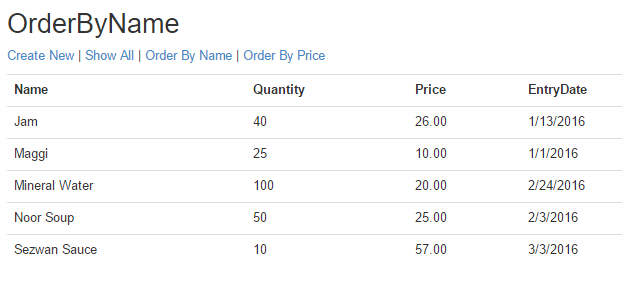


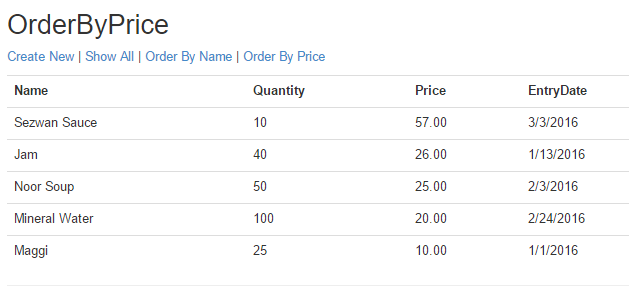
*Right click and add List view. And copy paste the other menu*



*The output will be as follows:*

**

**

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