html code to create table in ASP.NET MVC using visual studio 2022

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Creating a table in ASP.NET MVC involves several steps, including setting up a model, a controller, and a view. Below is a simple example to illustrate how to create a table in an ASP.NET MVC application using HTML.

**Step 1: Create the Model**

First, create a model class for the data you want to display in the table.

csharp

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// Models/Product.cs

namespace YourNamespace.Models

{

public class Product

{

public int Id { get; set; }

public string Name { get; set; }

public decimal Price { get; set; }

}

}

**Step 2: Create the Controller**

Next, create a controller that will provide data to the view.

csharp

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// Controllers/ProductController.cs

using Microsoft.AspNetCore.Mvc;

using YourNamespace.Models;

using System.Collections.Generic;

namespace YourNamespace.Controllers

{

public class ProductController : Controller

{

public IActionResult Index()

{

var products = new List<Product>

{

new Product { Id = 1, Name = "Product 1", Price = 10.00m },

new Product { Id = 2, Name = "Product 2", Price = 20.00m },

new Product { Id = 3, Name = "Product 3", Price = 30.00m }

};

return View(products);

}

}

}

**Step 3: Create the View**

Now, create a view to display the products in a table format.

html

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<!-- Views/Product/Index.cshtml -->

@model IEnumerable<YourNamespace.Models.Product>

<!DOCTYPE html>

<html>

<head>

<title>Product List</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

</head>

<body>

<div class="container">

<h2>Product List</h2>

<table class="table">

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Price</th>

</tr>

</thead>

<tbody>

@foreach (var product in Model)

{

<tr>

<td>@product.Id</td>

<td>@product.Name</td>

<td>@product.Price.ToString("C")</td>

</tr>

}

</tbody>

</table>

</div>

</body>

</html>

**Step 4: Configure Routing**

Ensure that your Startup.cs (or Program.cs in .NET 6+) is set up to use MVC routing.

csharp

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// Configure method in Startup.cs

app.UseEndpoints(endpoints =>

{

endpoints.MapControllerRoute(

name: "default",

pattern: "{controller=Product}/{action=Index}/{id?}");

});

**Step 5: Run the Application**

Now, run your application. Navigate to /Product to see the table populated with product data.

This example demonstrates how to create a simple table in ASP.NET MVC with a model, controller, and view. You can expand upon this by adding CRUD functionality, styling, and more complex data structures as needed.