Qn 1

namespace CoreAsmntApplication.Models

{

public class Product

{

public int Id { get; set; }

public string Name { get; set; }

public double Price { get; set; }

public int SupplierId { get; set; }

public int Quantity { get; set; }

public string Remarks { get; set; }

}

}

using CoreAsmntApplication.Models;

using Microsoft.AspNetCore.Mvc;

namespace CoreAsmntApplication.Controllers

{

public class ProductController : Controller

{

static List<Product> Products = new List<Product>()

{

new Product()

{

Id = 1,

Name ="ABC",

Price = 5,

SupplierId = 1,

Quantity=1,

Remarks="Carrots from Malaysia"

}

};

public IActionResult Index()

{

var products = Products;

return View(products);

}

[HttpGet]

public IActionResult Create()

{

return View(new Product());

}

[HttpPost]

public IActionResult Create(Product product)

{

Products.Add(product);

return RedirectToAction("Index");

}

[HttpGet]

public IActionResult Edit(int ID)

{

var product = Products.Where(c => c.Id == ID).SingleOrDefault();

return View(product);

}

[HttpPost]

public IActionResult Edit(Product product)

{

Product oldProduct = new Product();

oldProduct = Products.Where(c => c.Id==product.Id).SingleOrDefault();

Products.Remove(oldProduct);

Products.Add(product);

return RedirectToAction("Index");

}

[HttpGet]

public IActionResult Details(int ID)

{

var product = Products.Where(c => c.Id == ID).SingleOrDefault();

return View(product);

}

}

}

@model IEnumerable<CoreAsmntApplication.Models.Product>

@\*<a href="Pizza/Create">Add a Pizza</a>\*@

@Html.ActionLink("Add a Product","Create","Product")

<table class="table table-striped">

<thead>

<tr>

<th>

Id

</th>

<th>

Name

</th>

<th>

Price

</th>

<th>

SupplierId

</th>

<th>

Quantity

</th>

<th>

Remarks

</th>

<th>

Action To be Taken

</th>

</tr>

</thead>

<tbody>

@foreach (var item in Model)

{

<tr>

<td>

@item.Id

</td>

<td>

@item.Name

</td>

<td>

@item.Price

</td>

<td>

@item.SupplierId

</td>

<td>

@item.Quantity

</td>

<td>

@item.Remarks

</td>

<td>

@Html.ActionLink("Edit", "Edit", new { id=item.Id }) |

@Html.ActionLink("Details", "Details", new { id=item.Id })

@\*@Html.ActionLink("Delete", "Delete", new { id=item.StudentID }) \*@

</td>

</tr>

}

</tbody>

</table>

@model CoreAsmntApplication.Models.Product

@Html.ActionLink("Back","Index","Product")

<br /><br />

@using(Html.BeginForm("Create","Product",FormMethod.Post)){

@Html.LabelFor(m=>Model.Id, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Id, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Name, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Name, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Price, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Price, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.SupplierId, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.SupplierId, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Quantity, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Quantity, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Remarks, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Remarks, new{@htmlAttributes=new {@class="form-control"}})

<br />

<input type="submit" value="Create Product" class="btn btn-success" />

}

@model CoreAsmntApplication.Models.Product

<h2>Edit</h2>

@Html.ActionLink("Back","Index","Product")

<br />

<br />

@using(Html.BeginForm("Edit","Product",FormMethod.Post)){

@\* @Html.LabelFor(model => model.Id, htmlAttributes:new{@class="form-control"})\*@

@Html.HiddenFor(m => m.Id, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Name, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Name, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Price, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Price, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.SupplierId, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.SupplierId, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Quantity, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Quantity, new{@htmlAttributes=new {@class="form-control"}})

@Html.LabelFor(m=>Model.Remarks, htmlAttributes:new{@class="form-control"})

@Html.EditorFor(m=>m.Remarks, new{@htmlAttributes=new {@class="form-control"}})

<br />

<input type="submit" value="Save Product" class="btn btn-success" />

}

@model CoreAsmntApplication.Models.Product

<h2>Details</h2>

@Html.ActionLink("Back","Index","Product")

<br />

<br />

@\*@using(Html.BeginForm("Details","Product",FormMethod.Post)){\*@

@Html.LabelFor(m => Model.Id, htmlAttributes:new{@class="form-control"})

@Html.TextBoxFor(m => m.Id, new{@class="form-control", disabled="disabled"})

@Html.LabelFor(m=>Model.Name, htmlAttributes:new{@class="form-control"})

@\*@Html.TextBoxFor(m => m.Name, new{@htmlAttributes=new {@class="form-control", disabled="disabled"}})\*@ @\*cannot with cher method\*@

@Html.TextBoxFor(m => m.Name, new{@class="form-control", disabled="disabled"})

@Html.LabelFor(m=>Model.Price, htmlAttributes:new{@class="form-control"})

@Html.TextBoxFor(m => m.Price, new{@class="form-control", disabled="disabled"})

@Html.LabelFor(m=>Model.SupplierId, htmlAttributes:new{@class="form-control"})

@Html.TextBoxFor(m => m.SupplierId, new{@class="form-control", disabled="disabled"})

@Html.LabelFor(m=>Model.Quantity, htmlAttributes:new{@class="form-control"})

@Html.TextBoxFor(m => m.Quantity, new{@class="form-control", disabled="disabled"})

@Html.LabelFor(m=>Model.Remarks, htmlAttributes:new{@class="form-control"})

@Html.TextBoxFor(m => m.Remarks, new{@class="form-control", disabled="disabled"})











