Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

4

LIST OF TASKS

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| --- | --- |
| TASK NO | OBJECTIVE |
| **1** | **Create a book model in mvc net core using ado.net** |
| **2** | **Create a orders model in mvc net core using ado.net** |
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# **Task # 01: Create a book model in mvc net core using ado.net**

Solution:

**Controller:**

public class BookController : Controller {

public IActionResult Index(BookModel obj)

{

//OrderBookModel obj = new BookModel();

return View(obj); } }

**Model:**

public class BookModel {

public string BookName { get; set; }

public int BookQuantity { get; set; }

public string BookAuthor { get; set; }

public int BookPrice { get; set; } }

**Book View:**

@model modelCreationCloudLab.Models.BookModel

@{

Layout = null;}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Index</title>

</head>

<body>

<h4>BookModel</h4>

<div class="row">

<div class="col-md-4">

<form asp-action="Index">

<div asp-validation-summary="ModelOnly" class="text-danger"></div>

<div class="form-group">

<label asp-for="BookName" class="control-label"></label>

<input asp-for="BookName" class="form-control" />

<span asp-validation-for="BookName" class="text-danger"></span>

</div><br />

<div class="form-group">

<label asp-for="BookQuantity" class="control-label"></label>

<input asp-for="BookQuantity" class="form-control" />

<span asp-validation-for="BookQuantity" class="text-danger"></span>

</div><br />

<div class="form-group">

<label asp-for="BookAuthor" class="control-label"></label>

<input asp-for="BookAuthor" class="form-control" />

<span asp-validation-for="BookAuthor" class="text-danger"></span>

</div><br />

<div class="form-group">

<label asp-for="BookPrice" class="control-label"></label>

<input asp-for="BookPrice" class="form-control" />

<span asp-validation-for="BookPrice" class="text-danger"></span>

</div><br />

<div class="form-group">

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

</div>

</form> <br />

<div>

<label>Book Name: @Model.BookName </label><br />

<label>Book Quantity: @Model.BookQuantity</label><br />

<label>Book Author: @Model.BookAuthor</label><br />

<label>Book Price: @Model.BookPrice</label><br />

</div>

</div>

</div>

@section Scripts {

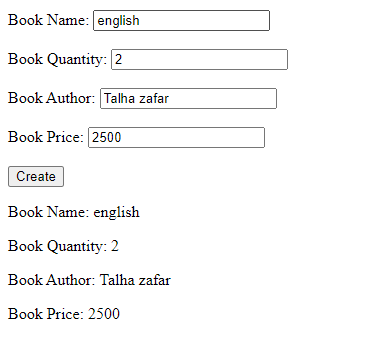
@{await Html.RenderPartialAsync("\_ValidationScriptsPartial");}

}

</body>

</html>

**Output:**



M Muaz

M Muaz

**Task # 02: Create a orders model in mvc net core using ado.net**

Solution:

**Controller:**

public class orderController : Controller

{

public IActionResult Index(orderModel obj)

{

//OrderModel obj = new orderModel();

return View(obj);}}

**Model:**

public class orderModel

{

public string ProductName { get; set; }

public int ProductQuantity { get; set; }

public int ProductPrice { get; set; } }

**Order View:**

@model modelCreationCloudLab.Models.orderModel

@{

Layout = null;

}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Index</title>

</head>

<body>

<div class="row">

<div class="col-md-4">

<form asp-action="Index">

<div asp-validation-summary="ModelOnly" class="text-danger"></div>

<div class="form-group">

<label asp-for="itemName" class="control-label"></label>

<input asp-for=" itemName " class="form-control" />

<span asp-validation-for=" itemName " class="text-danger"></span>

</div><br />

<div class="form-group">

<label asp-for=" itemQuantity " class="control-label"></label>

<input asp-for=" itemQuantity " class="form-control" />

<span asp-validation-for=" itemQuantity " class="text-danger"></span>

</div><br />

<div class="form-group">

<label asp-for=" itemPrice " class="control-label"></label>

<input asp-for=" itemPrice " class="form-control" />

<span asp-validation-for="itemPrice" class="text-danger"></span>

</div><br />

<div class="form-group">

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

</div>

</form> <br />

<div>

<label>Book Name: @Model.itemName </label><br />

<label>Book Quantity: @Model.itemQuantity</label><br />

<label>Book Price: @Model.itemPrice</label><br />

</div>

</div>

</div>

@section Scripts {

@{await Html.RenderPartialAsync("\_ValidationScriptsPartial");}}

</body>

</html>

Output:

