Research Razor HTML helpers. Provide 5 helper controls, describe their usage and syntax, and also determine what HTML control gets rendered when using the HTML helper. Comment on at least two other students' solutions.

Hello Class,

The HtmlHelper class renders HTML controls in the Razor view. It not only binds the model object to HTML controls to display the value of model properties in those controls, it also assigns the value of the controls to the model properties while submitting a web form.

**Html.TextBox()**

This helper is an expansion method that is similar to creating a textbox(<input type=”text”>) element in razor view. Its use in Razor will be seen like: @Html.TextBox("randomTextBox", "", new { @class = "form-control" })

**Html.Password()**

This helper is used to generate a password input element or in HTML textbox(<input type=”password”>). In Razor it can be seen like: @Html.Password("Password", "", new { @class = "form-control" }

Html.CheckBox()

This helper can generate a checkbox element on your form similar to the HTML method CheckBox(<input type="checkbox" >). Its use in Razor will be seen like: @Html.CheckBox("Music")  or with a default that the checkbox is automatically checked @Html.CheckBox("Sports", true).

**Html.ListBox()**

This helper is used to generate a multi-select listbox element similar to the HTML ListBox(<select id="" multiple="multiple" name="">). Its use in Razor can be seen like:

@Html.ListBox("Select Drink",new List<SelectListItem> {

new SelectListItem{ Text="Dr. Pepper",Value="1" },

new SelectListItem{ Text="Sprite",Value="2" },

new SelectListItem{ Text="Coke",Value="3" },

new SelectListItem{ Text="Water",Value="4" }

})

**Html.Label()**

This helper generates a label like how in HTML Label(<label>) is created. Its use in Razor can be seen like: @Html.Label("Doctors Name")

Reference:

HTML Helpers in ASP.Net MVC. (n.d.). https://www.tutorialsteacher.com/mvc/html-helpers

Simplilearn. (2023). HTML Helpers in MVC: What it is & Types of HTML Helpers with examples. Simplilearn.com. https://www.simplilearn.com/tutorials/asp-dot-net-tutorial/html-helpers-in-mvc