Razor Markup

Razor expressions: @Model.Name, @(new Data{name = “a”}.name)

The result of the c# expression is converted to string, HTML encoded, and inserted on the web page

Razor blocks: @{ var data = 5;}

Runs code during view render, doesn’t inherently insert anything to HTML

Control statements: @if @while @foreach ect

HTML inside these will be conditionally/repetitively inserted

Directives @model <typename> makes the view strongly typed

Tag helpers

a(anchor)

asp-action, asp-controller,asp-route, asp-route(param name)

input

asp-for

select

asp-for, aps-items

label

asp-for

span

asp-validation-for, asp-validation-summary

form

asp-action

HTML helpers

DisplayFor, DisplayNameFor, EditorFor, TextBoxFor, ActionLink, DropDownListFor

XSRF- cross site request forgery

DataAnnotations- attributes both EF and ASP.NET use for validation checks

Required, MaxLength, Range. RegularExpression

DataType, Display(name =

DI (dependency injection): in startup.configure.services

Services.AddSingleton: one instance for app lifetime

Services.AddScoped: one instance for each HTTP request

Services.AddDbContext: one instance for each HTTP request

Service.AddTransient: one instance per call (can have many per HTTP request)