Module – 5

1. What is AppSettings.json file and AppSettings.Development.json?
2. What are required attributes for Ajax call?

Url attribute is required.

1. What is JsonResult Type in MVC?

JsonResult is one of the type of MVC action result type which return the data back to the view or the browser in the from of JSON.

1. What is Nuget package?

NuGet packages is a single ZIP file the .nupkg extension that contains complied code (DLLs).

It makes it easy to add, update and remove external libraries in our application.

1. What is the use of AJAX?

AJAX stand for Asynchronous JavaScript And XML. It is the use of the XMLHttpRequest object to communication with servers. It can send and receive information in various formats including JSON , XML ,HTML and text files.

1. Explain View Components.

Same as partial view but more functionality in view component. There are completely self-contained object that consistently render html from a razor view. . ViewComponents are very powerful UI building blocks of the areas of application which are not directly accessible for controller actions. Let's suppose we have a page of social icons and we display icons dynamically. We have separate settings for color, urls and names of social icons and we have to render icons dynamically.

1. How are View Components different from Partial View?

Vie components are similar to partial views , but they’re much more powerful. View components do not use model binding , they depend on the data passed when calling the view components. This article was written using controllers and views, but views components work with Razor Pages.

1. Create a View Components for Login functionality.
2. How is Code first different from database first approach?

The programmer has to write the classes with the required properties first, while int tha database first approach , the programmer has to create first the database using GUI.

1. Explain the use of Migration.
2. Create another view component and call using following methods
3. Component Property
4. Tag helper
5. Create a separate view for the above view component.
6. What are Filters?

Filters allow us to run custom code before or after executing the action method. They provide ways to do common repetitive tasks on our action method. The filters are invoked on certain stages in the request processing pipeline.

1. Create a custom Exception handler using filters.