Layout View

Layout view is a web page that is responsible for containing presentation logic templates that are common like header, sidebar, footer etc. To create layout we usually have a shared folder in views then we can add a new item as Razor Layout then give a specific name which usually starts with underscore. @RenderBody() method is responsible for rendering content from other views. When we want to use layout view in other view at start we need to import it

```
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}
```

Both View and Layout View share the same view data object so transferring data is also possible here. And If we apply css/js files to Layout view then it is automatically applicable to other views.

_ViewStart.cs

_ViewStart.cs is a file where you can import your layout view then if you place it in the views folder it will be automatically applicable to all Views. Even you can specifically place it in a particular view folder like about, contact etc but then it is applicable to the view contained into that particular folder. This file provides a centralised approach for importing layout views.

Dynamic Layout View

Dynamic Layout view is used to load different layout views as per view. We can load Layout view in other views dynamically

Layout View Section

When you want to display some particular section of the layout view based on normal views you can write that code inside of the section. While rendering a section in LayoutView we need to make sure that name should be matching with the section name of source view.

Partial Views

Partial View is a razor markup file that can't be invoked individually from the controller but can be invoked from any view within the same application.