



Top 10 ASP.NET MVC Interview Questions

By IMRAN ABDUL GHANI | September 15, 2013

9 Comments



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A must have list of ASP.NET MVC Interview Questions and Answers with concepts and necessary code examples. If you understand following key concepts, you will definitely feel more comfortable during an interview. But along with that you need to prepare your practical skills on ASP.NET MVC technology. You can also find more related implementation details here:

- [Take a FREE Online Test on ASP.NET MVC to verify you existing knowledge.](#)
- [Top New Features of ASP.NET vNext](#)
- [Building your first ASP.NET MVC 5 Application](#)
- [Understanding Model First Approach in MVC5 with EF6](#)
- [Understanding Application Life Cycle in ASP.NET MVC](#)
- [ASP.NET MVC3 Vs MVC4 Vs MVC5](#)
- [Pass Data from Controller to View \(ViewBag | ViewData | TempData | Model\)](#)

UPDATE: Although this tutorial targets top 10 most important and frequently asked interview questions but I have added few more questions at the end for readers to help them well prepare for ASP.NET MVC5 interview. Also, I have added [Recent ASP.NET MVC Jobs](#) at the end of this article that will definitely help you finding your dream job in Dubai, UAE.

ASP.NET MVC Interview Questions List

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More Interview Questions on ASP.NET MVC5

- What are the new features introduced in ASP.NET MVC5?
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- Briefly explain ASP.NET Identity?
- Is it possible in ASP.NET MVC Project to boost speed by caching the static content folder(s)?

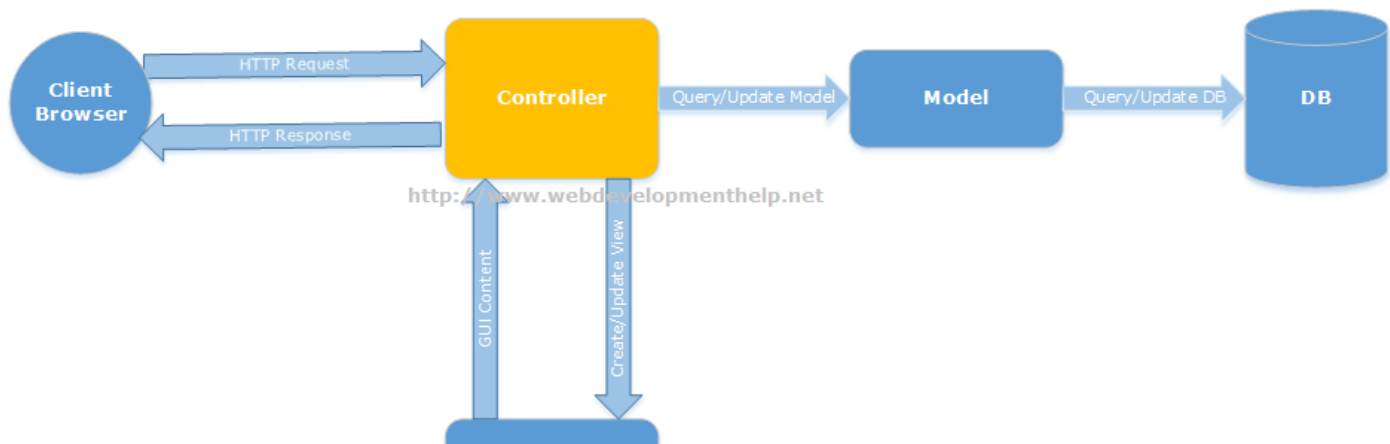
ASP.NET CORE Interview Questions – ASP.NET CORE 1.0 – MVC6

- What is ASP.NET Core?

1. Explain MVC (Model-View-Controller) in general?

MVC (Model-View-Controller) is an architectural software pattern that basically decouples various components of a web application. By using MVC pattern, we can develop applications that are more flexible to changes without affecting the other components of our application.

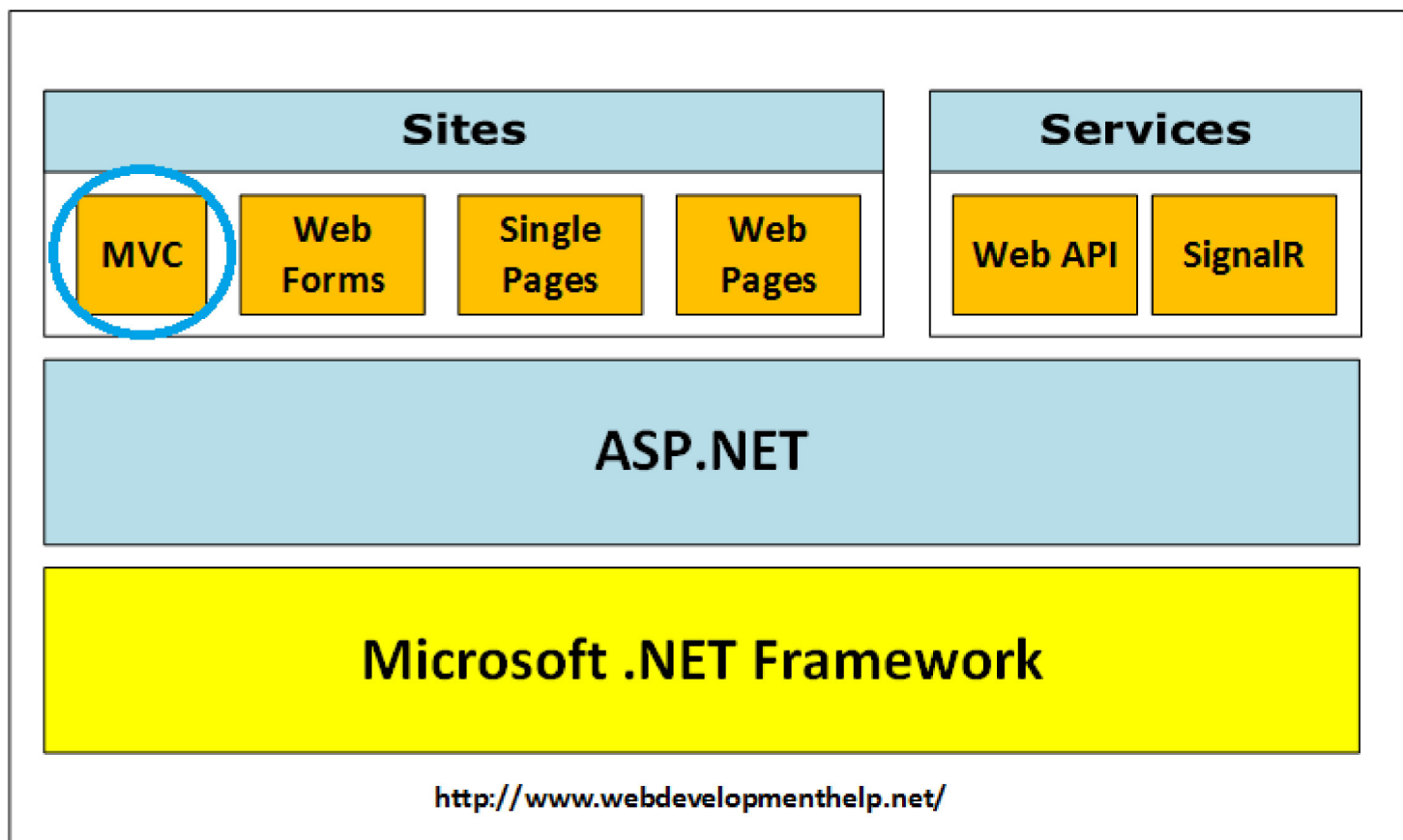
- "Model", is basically domain data.
- "View", is user interface to render domain data.
- "Controller", translates user actions into appropriate operations performed on model.



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2. What is ASP.NET MVC?

ASP.NET MVC is a web development framework from Microsoft that is based on MVC (Model-View-Controller) architectural design pattern. Microsoft has streamlined the development of MVC based applications using ASP.NET MVC framework.

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3. Difference between ASP.NET MVC and ASP.NET WebForms?

ASP.NET Web Forms uses Page controller pattern approach for rendering layout, whereas ASP.NET MVC uses Front controller approach. In case of Page controller approach, every page has its own controller i.e. code-behind file that processes the request. On the other hand, in ASP.NET MVC, a common controller for all pages processes the requests. Follow the link for the [difference between the ASP.NET MVC and ASP.NET WebForms](#). [Back to top](#)

4. What are the Core features of ASP.NET MVC?

Core features of ASP.NET MVC framework are:

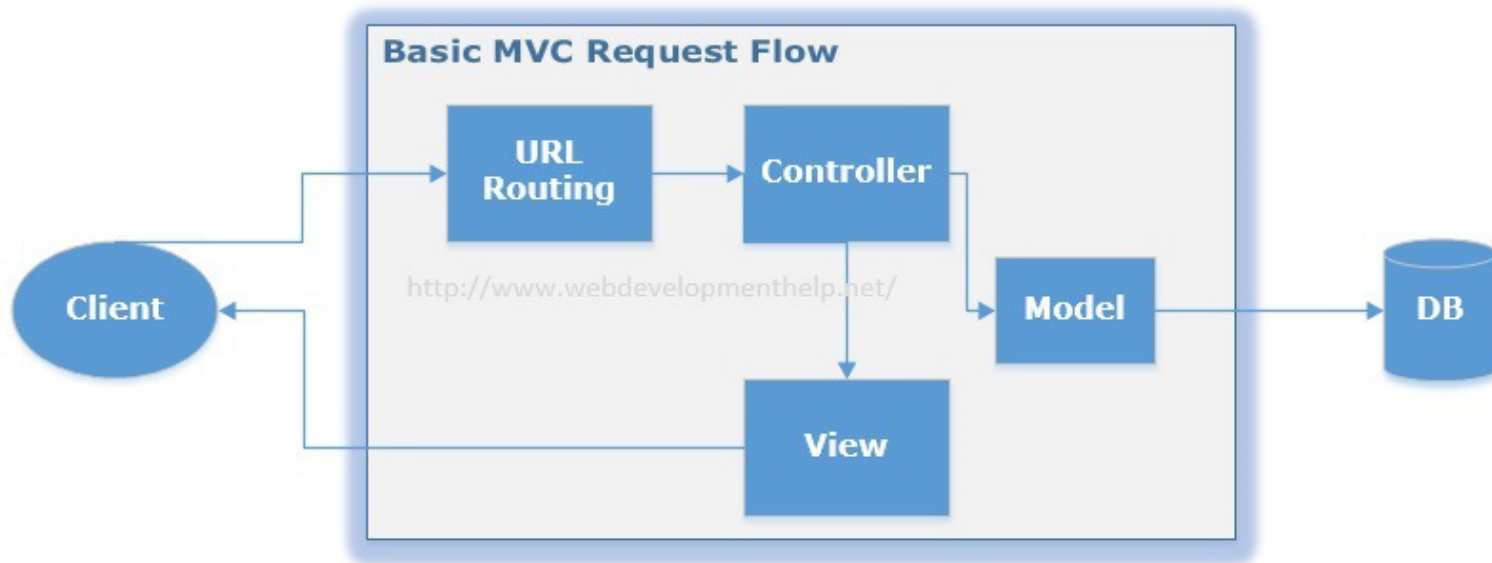
- **Clear separation of application concerns** (Presentation and Business Logic). It reduces complexity that makes it ideal for large scale applications where multiple teams are working.
- It's an **extensible** as well as **pluggable framework**. We can plug components and further customize them easily.
- It provides extensive support for URL Routing that helps to make friendly URLs (means friendly for human as well as Search Engines).
- It supports for **Test Driven Development (TDD)** approach. In ASP.NET WebForms, testing support is dependent on Web Server but ASP.NET MVC makes it independent of Web Server, database or any other classes.
- Support for **existing ASP.NET features** like membership and roles, authentication and authorization, provider model and caching etc.

Follow for detailed understanding of above mentioned [core features](#).

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5. Can you please explain the request flow in ASP.NET MVC framework?

Request flow for ASP.NET MVC framework is as follows: Request hits the controller coming from client. Controller plays its role and decides which model to use in order to serve the request. Further passing that model to view which then transforms the model and generate an appropriate response that is rendered to client.



You can follow the link, in order to understand the [Complete Application Life Cycle in ASP.NET MVC](#). [Back to top](#)

6. What is Routing in ASP.NET MVC?

In case of a typical ASP.NET application, incoming requests are mapped to physical files such as .aspx file. On the other hand, ASP.NET MVC framework uses friendly URLs that more easily describe user's action but not mapped to physical files. Let's see below URLs for both ASP.NET and ASP.NET MVC.

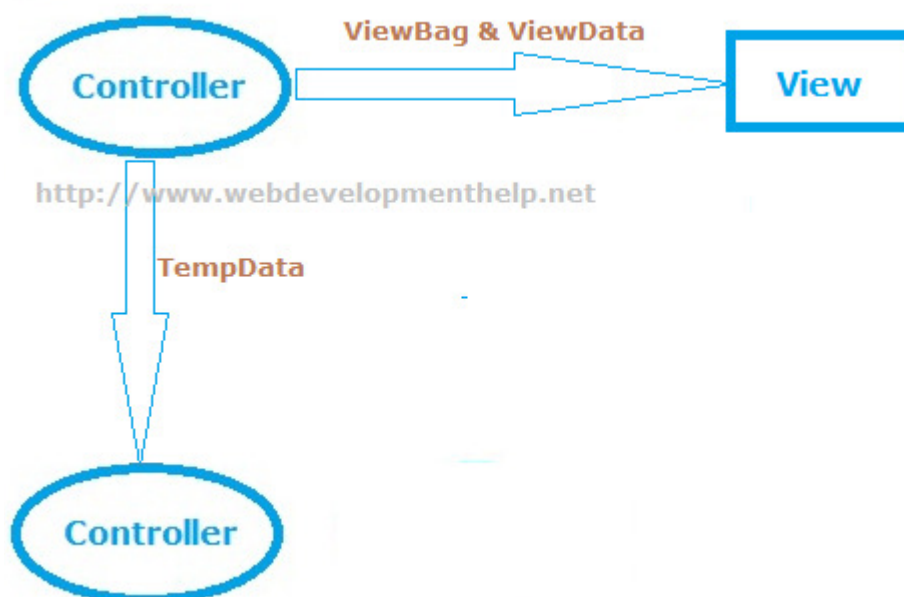
```
1 //ASP.NET approach - Pointing to physical files (Student.aspx)
2 //Displaying all students
3 http://localhost:XXXX/Student.aspx
4
5 //Displaying a student by Id = 5
6 http://localhost:XXXX/Student.aspx?Id=5
7
8 //ASP.NET MVC approach - Pointing to Controller i.e. Student
9 //Displaying all students
10 http://localhost:XXXX/Student
11
12 //Displaying student by Id = 5
13 http://localhost:XXXX/Student/5
```

ASP.NET MVC framework uses a routing engine, that maps URLs to controller classes. We can define routing rules for the engine, so that it can map incoming request URLs to appropriate controller. Practically, when a user types a URL in a browser window for an ASP.NET MVC application and presses "go" button, routing engine uses routing rules that are defined in Global.asax file in order to parse the URL and find out the path of corresponding controller. You can find complete details of [ASP.NET MVC Routing](#) here. [Back to top](#)

7. What is the difference between ViewData, ViewBag and TempData?

In order to pass data from controller to view and in next subsequent request, ASP.NET MVC framework provides different options i.e. ViewData, ViewBag and TempData. Both **ViewBag** and **ViewData** are used to communicate between controller and corresponding view. But this communication is only for server call, it becomes null if redirect occurs.

So, in short, its a mechanism to maintain state between controller and corresponding view. **ViewData** is a dictionary object while **ViewBag** is a dynamic property (a new C# 4.0 feature). ViewData being a dictionary object is accessible using strings as keys and also requires typecasting for complex types. On the other hand, ViewBag doesn't have typecasting and null checks. **TempData** is also a dictionary object that stays for the time of an HTTP Request. So, TempData can be used to maintain data between redirects i.e from one controller to the other controller.



You can easily find detailed examples for [implementation of ViewBag, ViewData and TempData](#) here. [Back to top](#)

So are you comfortable with ASP.NET MVC Now? Let's test your ASP.NET MVC Skill.

Please choose the correct statements about ViewBag and ViewData [Choose Two]?

- A. ViewData is a Dictionary object and it requires typecasting while getting data.
- B. ViewData is a Dynamic Property so it doesn't require typecasting for getting data.
- C. ViewBag is a Dictionary object and it requires typecasting while getting data.
- D. ViewBag is a Dynamic Property so it doesn't require typecasting for getting data.

Correct Answer: A, D

If you want to further test your ASP.NET MVC skill, Take a Complete **FREE Online Test** or MCSD Practice Exam: 70-486 (**Developing ASP.NET MVC Web Applications**). Simply [Click Here](#).

8. What are Action Methods in ASP.NET MVC?

As I already explained about request flow in ASP.NET MVC framework that request coming from client hits controller first. Actually MVC application determines the corresponding controller by using routing rules defined in Global.asax. And controllers have specific methods for each user actions. Each request coming to controller is for a specific Action Method. The following code sample, "ShowBook" is an example of an Action Method.

```
1 public ActionResult ShowBook(int id)
2 {
3     var computerBook = db.Books.Where(p => P.BookID == id).First();
4     return View(computerBook);
5 }
```

Action methods perform certain operation using *Model* and return result back to *View*. As in above example, **ShowBook** is an action method that takes an Id as input, fetch specific book data and returns back to *View* as *ActionResult*. In ASP.NET MVC, we have many built-in *ActionResults* type:

- ActionResult
- PartialViewResult
- RedirectResult
- RedirectToRouteResult
- ContentResult
- JsonResult
- EmptyResult
- and many more....

For a complete list of available *ActionResults* types with *Helper methods*, please [click here](#). **Important Note:** All public methods of a Controller in ASP.NET MVC framework are considered to be Action Methods by default. If we

want our controller to have a Non Action Method, we need to explicitly mark it with *NonAction* attribute as follows:

```
1 [NonAction]
2 public void MyNonActionMethod()
3 {
4     .....
5 }
```

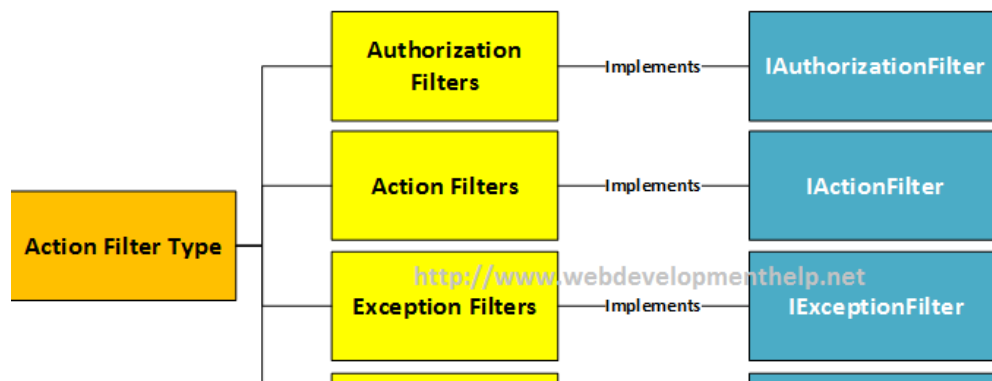
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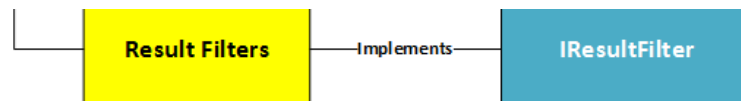
9.Explain the role of Model in ASP.NET MVC?

One of the core feature of ASP.NET MVC is that it separates the input and UI logic from business logic. Role of Model in ASP.NET MVC is to contain all application logic including validation, business and data access logic except view i.e. input and controller i.e UI logic. Model is normally responsible for accessing data from some persistent medium like database and manipulate it, so you can expect that interviewer can ask questions on database access topics here along with ASP.NET MVC Interview Questions. [Back to top](#)

10.What are Action Filters in ASP.NET MVC?

If we need to apply some specific logic before or after action methods, we use action filters. We can apply these action filters to a controller or a specific controller action. Action filters are basically custom classes that provide a mean for adding pre-action or post-action behavior to controller actions.





For example,

- Authorize filter can be used to restrict access to a specific user or a role.
- OutputCache filter can cache the output of a controller action for a specific duration.
- and more...

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Top ASP.NET MVC Online Courses

- **Learn ASP NET MVC 5 step by step** [Maruti Makwana, Corporate Trainer] 28 Lectures, 2.5 Hours Video, Intermediate Level *Very easy to learn video series on Asp.Net MVC 5 Specially for those who are familiar with Asp.Net Web forms.*
- **AngularJS for ASP.NET MVC Developers** [Brett Romero] 10 Lectures, 1 hour video, Intermediate Level *The Fastest Way For .NET Developers To Add AngularJS To Their Resume*
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More Interview Questions on ASP.NET MVC5

What are the new features introduced in ASP.NET MVC5?

ASP.NET MVC5 was introduced with following exciting features:

Related Articles

- [ASP.NET Identity](#)
- Authentication Filters
- Filter Overrides
- [Scaffolding](#)
- [Bootstrap](#)
- Attribute Routing
- [Free ASP.NET MVC Online Test](#)
- [Routing in ASP.NET MVC](#)
- [AJAX with ASP.NET MVC](#)
- [ASP.NET MVC Helpers](#)
- [Practical Guide to ASP.NET Web API](#)
- [ViewBag Vs ViewData Vs TempData Vs Session Vs Model](#)

For details on above ASP.NET MVC5 new features, kindly [follow here](#). [Back to top](#)

What is a ViewEngine in ASP.NET MVC?

"View Engine in ASP.NET MVC is used to translate our views to HTML and then render to browser." There are few View Engines available for ASP.NET MVC but commonly used View Engines are Razor, Web Forms/ASPX, NHaml and Spark etc. Most of the developers are familiar with Web Forms View Engine (ASPX) and Razor View Engine.

- Web Form View Engine was with ASP.NET MVC since beginning.
- Razor View Engine was introduced later in MVC3.
- NHaml is an open source view engine since 2007.
- Spark is also an open source since 2008.

Note: For a detailed comparison between Web Form View Engine and Razor View Engine, please follow [here](#).

```
public ActionResult Index()
{
    //Code here....
    return View();
}
```

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What is the difference between Razor View Engine and ASPX View Engine?

I have written a separate detailed blog post to understand the [Difference between ASPX View Engine and Razor View Engine](#). You can follow the link to get detailed step by step description [here](#). Most important differences are listed below:

ASPX View Engine	Razor View Engine
<i>WebForms View Engine uses namespace "System.Web.Mvc.WebFormViewEngine".</i>	"System.Web.Razor" is the namespace for Razor View Engine.
Comparatively fast.	A little bit slower than ASPX View Engine.
Nothing like Test Driven Development	Good support for Test Driven Development.
Syntax for ASPX View Engine is inherited from Web Forms pages as: <code><%= employee.FullName %></code>	Syntax for Razor View Engine is comparatively less and clean. <code>@employee.FullName</code>

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Is it possible to remove the unused ViewEngine in ASP.NET MVC project?

Yes, it's possible. As we know that by default two view engines are installed.

- WebForm ViewEngine
- Razor ViewEngine

If we are 100% sure that we are only going to use say 'Razor ViewEngine', and WebForm ViewEngine will remain idle/unused all the time, then we can remove the unused View engine by following the below simple steps:

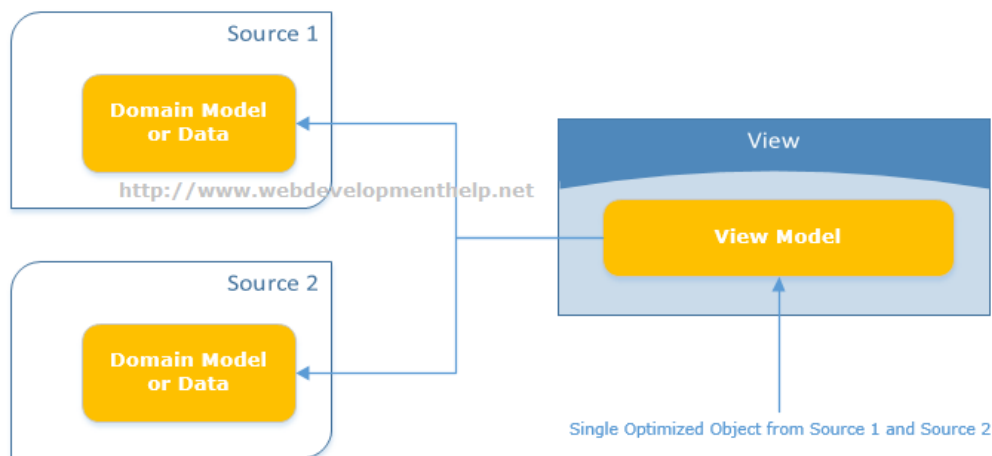
1. In our Global.asax file, clear all the ViewEngines on Application_Start method.
2. Add the specific one i.e Razor ViewEngine to our ViewEngine collection.

```
1 ViewEngines.Engines.Clear();  
2 ViewEngines.Engines.Add(new RazorViewEngine());
```

This will slightly improve the performance of our ASP.NET MVC application. The same approach we can use to add our own custom ViewEngine.

What is a ViewModel in ASP.NET MVC?

A ViewModel basically acts as a single model object for multiple domain models, facilitating to have only one optimized object for View to render. Below diagram clearly express the idea of ViewModel in ASP.NET MVC:



There are multiple scenarios where using ViewModel becomes obvious choice. For example:

- Parent-Child View Scenario
- Reports where often aggregated data required
- Model object having lookup data
- Dashboards displaying data from multiple sources

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What are ASP.NET MVC HtmlHelpers?

ASP.NET MVC HtmlHelpers fulfills almost the same purpose as that of ASP.NET Web Form Controls. For implementation point of view, HtmlHelper basically is a method that returns a string (i.e. an HTML string to render HTML tags). So, in ASP.NET MVC we have HtmlHelpers for links, Images and for Html form elements etc. as follows:

```
1 @Html.ActionLink("WebDev Consulting Company Profile", "CompanyInfo")
2
3 will render:
4
5 <a href="/Site/CompanyInfo">WebDev Consulting Company Profile</a>
```

and

```
1 @Html.TextBox("strEmployeeName")
2
3 renders:
4
5 <input id="strEmployeeName" name="strEmployeeName" type="text" value="" />
```

For a complete reference to Standard ASP.NET MVC Html Helpers, [Click Here](#).

Note: *Html Helpers are comparatively lightweight because these don't have ViewState and event model as for ASP.NET Web Form Controls.*

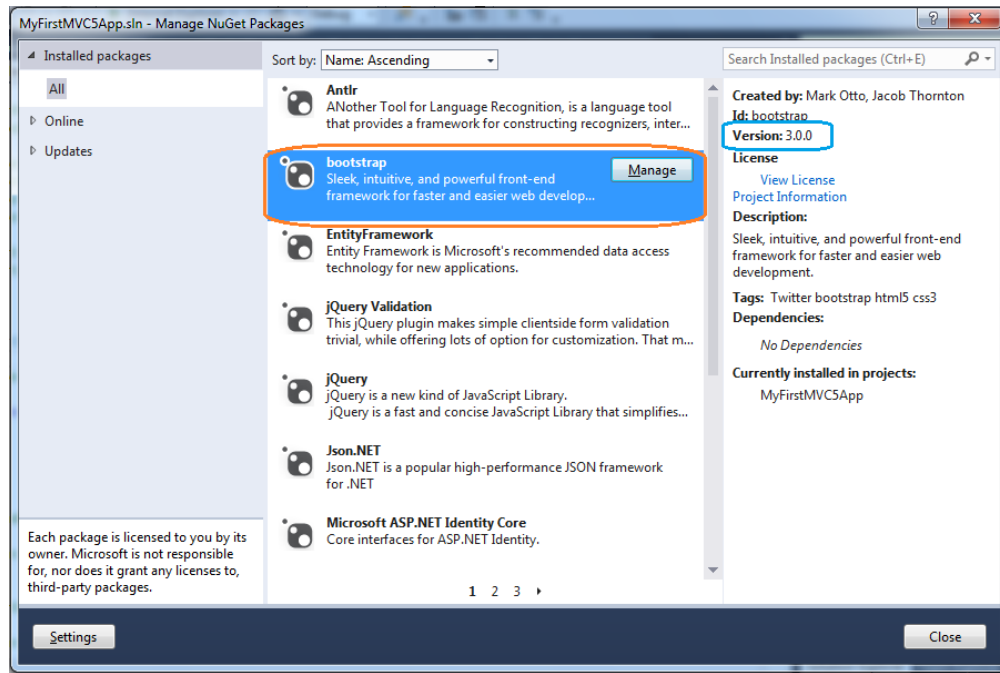
We can also create our [Custom Html Helpers](#) to fulfill specific application requirements. There are 2 ways to create custom HtmlHelpers as follows:



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What is Bootstrap in MVC5?

Bootstrap (a front-end framework) is an open source collection of tools that contains HTML and CSS-based design templates along with Javascript to create a responsive design for web applications. Bootstrap provides a base collection including layouts, base CSS, JavaScript widgets, customizable components and plugins. Project Template in ASP.NET MVC5 is now using bootstrap that enhances look and feel with easy customization. Bootstrap version 3 is added to ASP.NET MVC5 template as shown below:



Note: You can [follow here](#) to learn **step by step how we can use any theme in Bootstraps to our ASP.NET MVC web application**. If you are further interested to learn Bootstrap in much detailed level, a very comprehensive course is available that teaches you **bootstrap by building 10 professional projects**.

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Kindly explain Attribute Routing in ASP.NET MVC5?

We already have discussed about Routing in [Question#6](#) that in ASP.NET MVC, we use friendly URLs that are mapped to controller's actions instead of physical files as in case of ASP.NET WebForms. Now in ASP.NET MVC5, we can use attributes to define routes giving better control over the URIs. We can easily define routes with Controller's action methods as follows:

```
public class ProductController : Controller
{
    [Route("Products/{productId?}")]
    public ActionResult Product(string productId)
    {
        //Code Details here...
    }
}
```

```
http://www.webdevelopmenthelp.net  
    return View();  
}  
  
//More....  
}
```

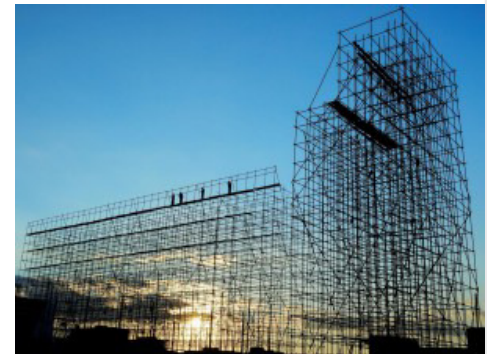
Note: Remember that conventional routing approach is not discarded, it's still there and fully functional. Also, we can use both routing techniques in a same application. [Click here](#) for more details on Attribute Routing.

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What is Scaffolding in ASP.NET MVC? and what are the advantages of using it?

We (developers) spent most of our time writing code for CRUD operations that is connecting to a database and performing operations like Create, Retrieve, Update and Delete. Microsoft introduces a very powerful feature called Scaffolding that does the job of writing CRUD operations code for us.

Scaffolding is basically a Code Generation framework. Scaffolding Engine generates basic controllers as well as views for the models using Microsoft's T4 template. Scaffolding blends with Entity Framework and creates the instance for the mapped entity model and generates code of all CRUD Operations. As a result we get the basic structure for a tedious and repeatative task. You can find a detailed Web Development Tutorial with implementation on [ASP.NET MVC Scaffolding](#) here.



Following are the few **advantages of Scaffolding**:

- RAD approach for data-driven web applications.
- Minimal effort to improve the Views.
- Data Validation based on database schema.
- Easily created filters for foreign key or boolean fields.

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Another Question about Handling Controller for Real World Scenario.

Consider you are working as MVC Developer with WebDevTutorials. Our ASP.NET MVC application has a controller named EmployeeController. We want our EmployeeController to have a public non action method. What we will do to achieve this?

- A. We can't make a public method as non action in ASP.NET MVC.
- B. Make return type void to a public method.
- C. Add NonActionAttribute attribute to a public method.
- D. Add VoidAttribute attribute to a public method.

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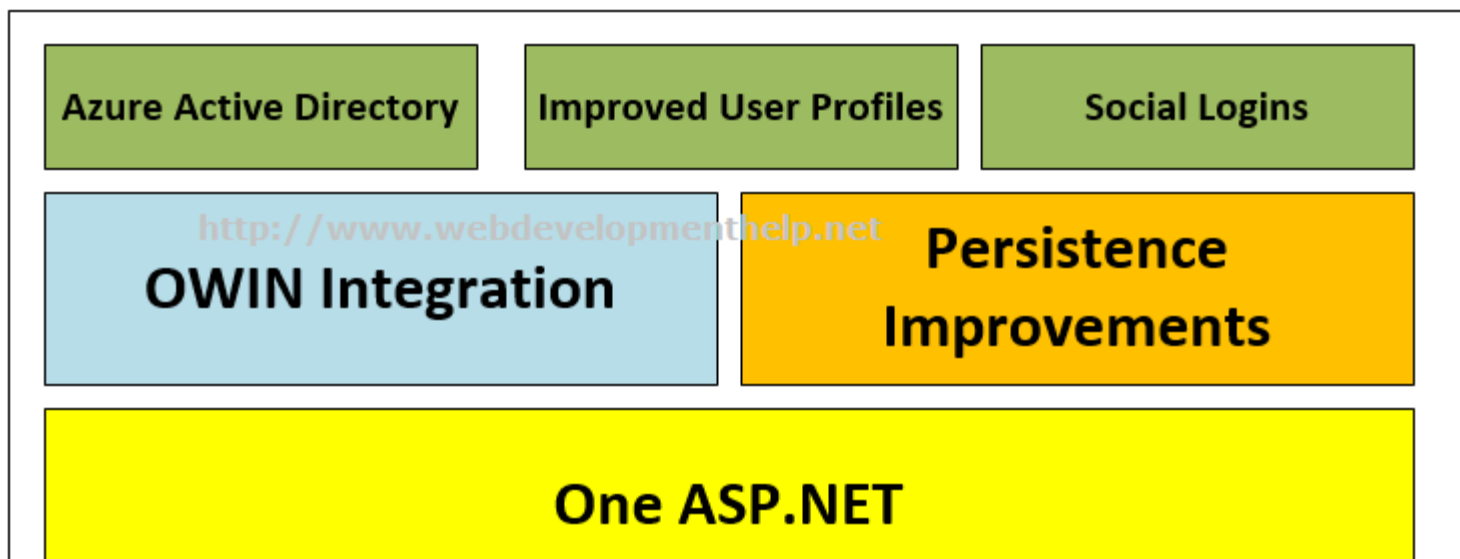
Correct Answer: C

Briefly explain ASP.NET Identity?

Microsoft introduces **ASP.NET Identity** as a system to manage access in ASP.NET application on premises and also in the cloud. There were issues with **Membership Provider Model** especially when we want to implement more advanced security features in our applications, so ASP.NET Identity gets away from the membership provider model. If we look into the history of membership, its like follows:

- ASP.NET 2.0 Membership (VS 2005)
 - Forms Authentication
 - Sql Server Based Membership
- ASP.NET Simple Membership (VS 2010)
 - Easy to customize profile
 - ASP.NET Web Pages
- ASP.NET Universal Providers (VS2012)
 - Support Sql Azure

ASP.NET Identity is much improved system to manage access to our application and services.



For more information on ASP.NET Identity, please [follow here](#). [Back to top](#)

Is it possible in ASP.NET MVC Project to boost speed by caching the static content folder(s)?

Yes, we can easily boost speed for static content folder(s) by applying caching on specific content folder. It's a simple 2 step process as follows:

1. Place the web.config inside the content folder, and
2. Set the cacheControlMaxAge property to specific value you want.

It's an older approach, we have been using since long with apply folder specific settings.

Complete code for applying caching to boost speed for static content folders as follows:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <configuration>
3   <system.webServer>
4     <staticContent>
5       <clientCache cacheControlMode="UseMaxAge" cacheControlMaxAge="3.00:00:00" />
6     </staticContent>
7   </system.webServer>
8 </configuration>
```

This will inform the client to cache the static content for 3 days in that folder as well as the subfolders under it.

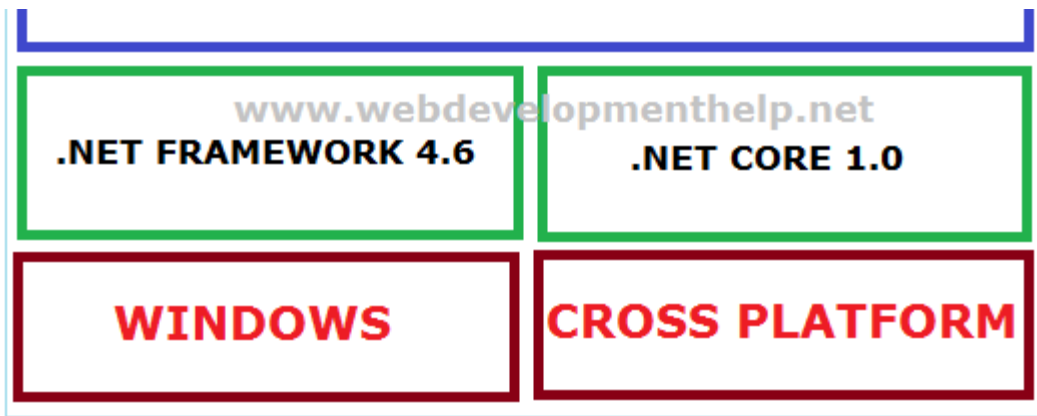
ASP.NET CORE Interview Questions – ASP.NET Core 1.0 – MVC6

What is ASP.NET Core?

ASP.NET Core 1.0 also known as ASP.NET 5 – MVC6 is a re-write version of ASP.NET 4.6 with following key features:

- ASP.NET Core is Open-Source.
- ASP.NET Core is Cross-Platform framework means can run on Linux or MacOS – a huge enhancement.
- Ideal for building web applications, Iot apps and mobile backends.
- Cloud ready configuration.
- ASP.NET Core 1.0 is smaller in size as compared to ASP.NET 4.6 framework as it runs on stripped down version of .NET Framework i.e. .NET Core 1.0

ASP.NET CORE 1.0



At a broader view, ASP.NET 5 is now renamed as ASP.NET Core 1.0; .NET Framework 5 will be known as .NET Core 1.0 and Entity Framework 7 will be renamed to Entity Framework Core 1.0.

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ASP.NET MVC is an amazing framework for developing applications. Above mentioned **ASP.NET MVC interview questions** must be prepared before appearing for a MVC interview.

ASP.NET MVC Jobs [Updated Daily]

Top ASP.NET MVC Jobs

Sr Application Developer (C#.NET)

Source: Indeed

Details: Experience developing web applications on the **ASP.NET MVC**, C#, and SQL Server platforms, using Entity Framework, JQuery, WCF, LINQ. Sr C#.NET Developer.... [More](#)

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03-November-2016

Sr. .NET Web Application Developer

Source: Axis41

Details: AngularJS, Backbone/Marionette, or other client-side **MVC** frameworks. Comprehensive experience with **.NET** (4.5), **ASP.NET**, C#, and **ASP.NET MVC**.... [More](#)

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City, UT
84101

28-October-2016

Software Engineer

Source: Indeed

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Software Engineer Source: Rise Interactive Details: Programming skills in JavaScript, HTML5, CSS3 and server-side web technologies such as ASP.NET MVC , C#/.NET, PHP, etc.... More 3 days ago	Chicago, IL 60654	07-November-2016
Software Engineer Source: MetaSource Details: Programming expertise using .net technologies including ASP.net MVC , ASP.net WebAPI, and ADO.net Entity Framework.... More 6 days ago	Salt Lake City, UT	05-November-2016
Software Engineer Source: Indeed Details: Experience with HTML5 and modern JavaScript MVC frameworks (Angular.js preferred). Are you passionate about software development?... More 30+ days ago	Irving, TX	03-October-2016
Software Engineer Source: Indeed Details: C#, ASP.NET , ASP.NET MVC . Phigenics is currently seeking a versatile software engineer to work on our data-driven web application platform.... More 6 days ago	Virginia Beach, VA	04-November-2016

Software Engineer Source: Indeed Details: Knowledge of ASP.NET MVC design pattern and MVC framework:. Deep understanding of ASP.NET MVC design pattern and MVC frameworks.... More 8 days ago	Lake Forest, CA	02-November-2016
.net developer Source: Indeed Details: .Net, ASP.Net, MVC , Entity Framework, Microsoft, C#, Microsoft SQL Server 2005-2008). NJ and TX(only local to NJ and TX location mode of interview is face to... More 3 days ago	Bothell, WA 98021	07-November-2016
Software Engineer Source: Zapproved Details: You should be able come up to speed quickly on the tools used by our team, including AWS, Javascript, .NET, MVC frameworks such as Backbone.js, AngularJS, ASP... More 1 hour ago	Portland, OR 97209	11-November-2016
Software Engineer Source: Indeed Details: Competency in a blend of the following areas, typically achieved in 3 or more years of closely related experience in C#. .NET or Java, RESTful service development... More 30+ days ago	Seattle, WA 98104	19-September-2016
Software Engineer Source: Rev.com Details: Have experience with a modern MVC framework, such as ASP .NET MVC , Ruby on Rails, Node.js. Rev's mission is to give people the freedom to work when, where, and... More 30+ days ago	San Francisco, CA	09-September-2016
Software Developer (Junior, Med, Senior) Source: Knowledge Made Solutions Details: Experience with Web application development, including Ozone Widget Framework (OWF), AWS, Servlets, Grails, Play, MVC , JSON, XHTML/HTML5, CSS2/3,... More 2 days ago	San Diego, CA	08-November-2016

Senior Web Developer Source: Veson Nautical Details: Exceptional coding and design skills, proficiency in ASP.NET MVC with C#, SQL, HTML5, JavaScript, jQuery, CSS3/SASS, and Single-Page Application Frameworks.... More 3 days ago	Boston, MA 02116	08-November-2016
Senior SQL Developer Source: Selene Finance LP Details: Design, analyze code, optimize and maintain all databases, tables, stored procedures, indexes, triggers, data extraction, transformation, and validation as well... More 3 days ago	Houston, TX 77042	08-November-2016
Senior Software Engineer Source: Indeed Details: Experience developing MVC web applications:. 4+ years of experience developing MVC web applications. Familiarity with common MVC design patterns and their... More 1 day ago	Greenville, SC	09-November-2016
Software Engineer Source: Zycron Details: Zycron has a great Software Engineer opportunity. Skills: NET/HTML5 developer C#.NET: ASP.NET MVC, Windows Services, WPF (Windows Presentation Foundation) More 4 days ago	Chattanooga, TN 37411	07-November-2016
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Senior Software Engineer/Team Lead Source: Indeed Details: Develop configurable web pages using Asp.net MVC . Contribute to the core architecture in all layers of our code base including database access layer, MVC ... More 3 days ago	San Francisco, CA	07-November-2016

Senior Software Development Engineer

Louisville, CO

06-October-2016

Source: Apptio

Details: NodeJS w/ Express or **ASP.NET MVC**). Apptio, recognized as the Most Impactful Enterprise Technology Company in Seattle and voted best company to work for in... [More](#)

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Dot Net Application Developer

Fairfax, VA

29-August-2016

Source: Indeed

Details: Participate in developing new sites using **ASP.NET MVC** Framework. Microsoft .NET Application Developer.... [More](#)

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Full-stack .NET Developer Instructor

Redmond, WA

03-November-2016

Source: Indeed

Details: **NET** – You are comfortable working with **ASP.NET**, **MVC** and Core Web API. About Coder Camps:.... [More](#)

[8 days ago](#)

C# developer Lithium platform

Redmond, WA

04-November-2016

Source: Indeed

Details: Experience with **ASP.NET MVC**, Web APIs, C#, and the **.NET** Framework. 2+ years of web development experience building and running large scale, production web sites... [More](#)

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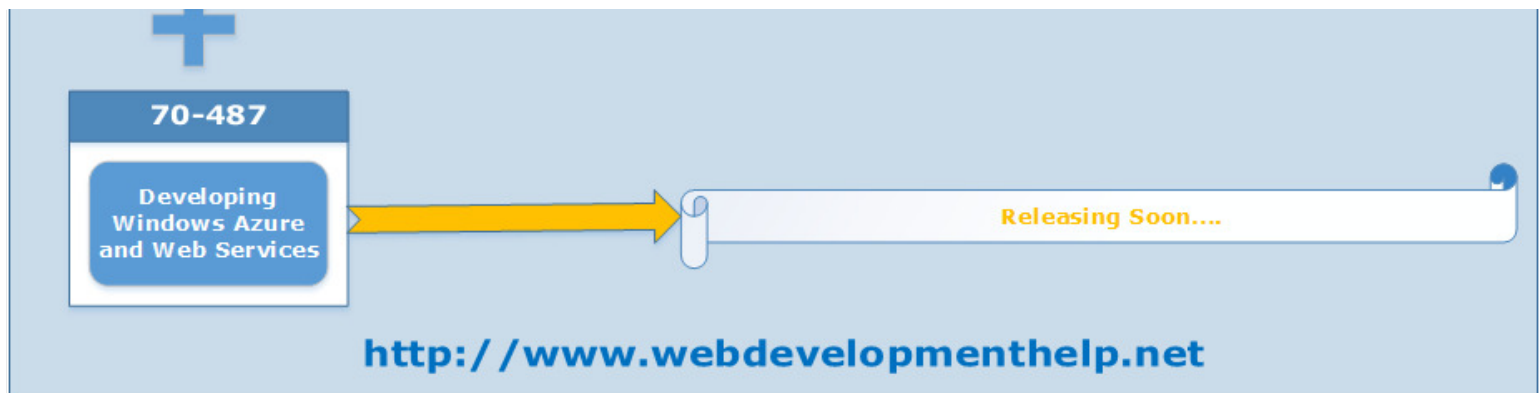
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About IMRAN ABDUL GHANI

Imran Abdul Ghani is working as Software Developer(Senior) with extensive knowledge in Web development technologies especially C#, ASP.NET, MVC, WCF, Web API, ADO.NET Entity Framework, jQuery etc. He has several years of experience in designing/developing enterprise level applications. He is Microsoft Certified Solution Developer for .NET (MCSD.NET) since 2005. You can reach his blogging at www.webdevelopmenthelp.net, www.topwcfutorials.net, and www.sharepointfordummies.net.

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[James Blake](#)

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The questions are quite simple. I used to work for Microsoft. We ask more questions on extending MVC framework. How will you create a Custom Controller Factory? What are the limitations of the Default Model Binder? How will you use MVC with IoC containers? etc.

[Imran Ghani](#)

You are right to some extent. We may go in details for more complex questions but will always start with a key main area and then move forward depending the candidate's knowledge. That's why I said, its top 10 questions every ASP.NET MVC developer must know.

[Uday M](#)

Dear Imran,

I have started learning MVC recently

Please can you explain in MVC 4 how to show the data related to multiple entities in a single view. should it be by using ViewModel.

or give a url link which has the source code or easy to understand.

For ex: Country, City, State are the 3 entities in Database, and i need to show in view in below format

Country Name, State Name, District ..

DataBase First approach should be OK.

Please do the needfull.

My mail id is udaym2013@yahoo.co.in

Regards

Udaya.M

[Imran Ghani](#)

Dear Udaya,

You will find such examples on MVC in my future articles here in this blog but focus will be MVC 5. You need to follow by Email so that you get the updated results. For specifically on MVC 4, you can google. I'll try to provide if I find some relevant material.

Thanks

[Shree Patel](#)

i m new in MVC. i have created an index page of leave application of employees. Single employee has multiple leave types like CL, SL, CML, etc. The index page contains empid (Foreign Key), emp name, different leave types (Foreign Key) with their balance and SNO (i.e the primary key). I will attach an image of the index page. when i click to edit the record it should redirect to edit page with the primary key but i want to pass multiple values (i.e different primary keys). So, i m stucked here. Please help him to resolve my problem.

[Sandip Shelake](#)

good source

[priyanka bebo](#)

Hi ...this is priyanka i am learning mvc framework im struggling to get the answer can you help me out this.

My requirement is i have two textboxes and one dropdown (1year, 2years, 3years). one textbox is start date another is Expiredate. if i select dropdown values like 1year then the Expire date will be startdate + 1year How

should i get this.....

Thanks in Advance

Barbra Carranza

Savvy discussion . I Appreciate the details . Does anyone know if I might get ahold of a blank NJ BA-8 example to complete ?