.Net MVC

1. What is MVC (Model View Controller)?

* The Model represents the application core (for instance a list of database records).
* The View displays the data (the database records).
* The Controller handles the input (to the database records).

## What are the advantages of MVC?

## Explain MVC application life cycle?

## List out different return types of a controller action method?

## What are the Filters in MVC?

## What are Action Filters in MVC?

## Explain what is routing in MVC? What are the three segments for routing important?

## What is Route in MVC? What is Default Route in MVC?

## Mention what is the difference between Temp data, View, and View Bag?

## What is Partial View in MVC?

## Explain what is the difference between View and Partial View?

## What are HTML helpers in MVC?

## Explain attribute based routing in MVC?

## What is TempData in MVC?

## What is Razor in MVC?

## Differences between Razor and ASPX View Engine in MVC?

## What are the Main Razor Syntax Rules?

## How do you implement Forms authentication in MVC?

## Explain Areas in MVC?

## Explain the need of display mode in MVC?

## Explain the concept of MVC Scaffolding?

## What is Route Constraints in MVC?

## What is Razor View Engine in MVC?

## What is Output Caching in MVC?

## What is Bundling and Minification in MVC?

## What is Validation Summary in MVC?

## What is Database First Approach in MVC using Entity Framework?

## What are the Folders in MVC application solutions?

## What is difference between MVC and Web Forms?

## What are the methods of handling an Error in MVC?

## How can we pass the data From Controller To View In MVC?

## What is Scaffolding in MVC?

## What is ViewStart?

## What is TempData?

## How to use ViewBag?

## What are the Difference between ViewBag&ViewData?

## What is Data Annotation Validator Attributes in MVC?

## How can we done Custom Error Page in MVC?

## Server Side Validation in MVC?

## What is the use of remote validation in MVC?

## What are the Exception filters in MVC?

## What is MVC HTML- Helpers and its Methods?

## Define Controller in MVC?

## Explain View in MVC?

## What's new in MVC 6?

## Reference Link for answer:

## https://www.c-sharpcorner.com/UploadFile/puranindia/ASP-NET-MVC-Interview-Questions/

**.Net Core**

## What is the ASP.NET Core?

## What are the features provided by ASP.NET Core?

## What are the advantages of ASP.NET Core over ASP.NET?

## What are Metapackages?

## What is the startup class in ASP.NET core?

## What is the use of the ConfigureServices method of the startup class?

## What is the use of the Configure method of the startup class?

## What is middleware?

## What is the difference between IApplicationBuilder.Use() and IApplicationBuilder.Run()?

## What is the use of the "Map" extension while adding middleware to the ASP.NET Core pipeline?

## What is routing in ASP.NET Core?

## How to enable Session in ASP.NET Core?

## What are Razor Pages in ASP.NET Core?

## How can we do the automatic model binding in Razor pages?

## How can we inject the service dependency into the controller?

## How to specify the service life for a registered service that is added as a dependency?

## What is .NET Core Framework, and how does it work?

## What is the latest version of .NET Core? Share one specific attribute.

## Share specific features of .NET Core?

## What is .NET Core used for?

## What is CoreCLR?

## How is .NET Core SDK different from .NET Core Runtime?

## What are the advantages of .NET Core?

## What is Kestrel?

## What do you know about .NET Core middleware?

## What are Razor Pages in .NET Core?

## What are service lifetimes in .NET Core?

## What are the differences between .NET Core and .NET Framework?

## Explain Docker in .NET Core.

## What is .NET Core CLI?

## Briefly explain Garbage Collection, its benefits, and its condition.

## What do you mean by state management?

## What is the best way to manage errors in .NET Core?

## What is routing in .NET Core?

## What role does IIS manager play for ASP.NET MVC?

## How would you differentiate ASP.NET from ASP.NET MVC?

## Reference link:

## <https://www.dotnettricks.com/learn/aspnetcore/top-20-asp-net-core-> interview-questions-and-answers

## <https://www.hackertrail.com/talent/backend/net-core-interview-> questions-answers/#what-is-net-core-cli

## JavaScript

### **What is JavaScript?**

1. What are the data types supported by JavaScript?
2. What are the features of JavaScript?
3. Is JavaScript a case-sensitive language?
4. How can you create an object in JavaScript?
5. How can you create an Array in JavaScript?
6. What is a name function in JavaScript & how to define it?
7. Can you assign an anonymous function to a variable and pass it as an argument to another function?
8. What is argument objects in JavaScript & how to get the type of arguments passed to a function?
9. What are the scopes of a variable in JavaScript?
10. What is the purpose of ‘This’ operator in JavaScript?
11. What is Callback?
12. How to create a cookie using JavaScript?
13. How to read a cookie using JavaScript?
14. How to delete a cookie using JavaScript?
15. What is the difference between Attributes and Property?
16. List out the different ways an HTML element can be accessed in a JavaScript code.
17. In how many ways a JavaScript code can be involved in an HTML file?
18. What are the ways to define a variable in JavaScript?
19. What is a Typed language?
20. What is the difference between Local storage & Session storage?
21. What is the difference between the operators ‘==‘ & ‘===‘?
22. What is the difference between null & undefined?
23. What is the difference between undeclared & undefined?
24. Name some of the JavaScript Frameworks
25. What is the difference between window & document in JavaScript?
26. What is the difference between innerHTML & innerText?
27. What is an event bubbling in JavaScript?
28. What is NaN in JavaScript?
29. How do JavaScript primitive/object types passed in functions?
30. How can you convert the string of any base to integer in JavaScript?
31. What would be the result of 2+5+”3″?
32. What are Exports & Imports?
33. What is the ‘Strict’ mode in JavaScript and how can it be enabled?
34. What will be the output of the following code?
35. var Output = (function(x)
36. {
37. Delete X;
38. return X;
39. }
40. )(0);
41. console.log(output);

The output would be 0. The delete operator is used to delete properties from an object. Here x is not an object but a local variable. delete operators don’t affect local variables.

In case you are facing any challenges with these JavaScript Interview Questions, please comment on your problems in the section below.

36. What will be the output of the following code?

var X = { Foo : 1};

var Output = (function()

{

delete X.foo;

return X.foo;

}

)();

console.log(output);

The output would be undefined. The delete operator is used to delete the property of an object. Here, x is an object which has the property foo, and as it is a self-invoking function, we will delete the foo property from object x. After doing so, when we try to reference a deleted property foo, the result is undefined.

### **What will be the output of the following code?**

1. var Employee =
2. {
3. company: 'xyz'
4. }
5. var Emp1 = Object.create(employee);
6. delete Emp1.company Console.log(emp1.company);

The output would be xyz. Here, emp1 object has company as its prototype property. The delete operator doesn’t delete prototype property. emp1 object doesn’t have company as its own property. However, we can delete the company property directly from the Employee object using delete Employee.company.

**Reference link : https://www.edureka.co/blog/interview-questions/javascript-interview-questions/#beginner**

[https://www.c-sharpcorner.com/UploadFile/puranindia/sql-server-interview-questions/](https://www.c-sharpcorner.com/UploadFile/puranindia/sql-server-interview-questions/q)

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