

Sample Interview Questions: .Net

- 1) What is the life cycle of an asp.net page?
- 2) What exactly happens when ASPX page is requested from Browser?
- 3) What is CLS (Common Language Specification)?
- 4) What is CTS (Common Type System)?
- 5) What is the Microsoft Intermediate Language (MSIL)?
- 6) What is Boxing and UnBoxing?
- 7) What is the difference between Value Types and Reference Types?
- 8) What are the different types of assemblies available and their purpose?
- 9) What is Post back property?
- 10) How can we create custom controls in ASP.NET?
- 11) How many types of validation controls are provided by ASP.NET?
- 12) Describe the role of inetinfo.exe, aspnet_isapi.dll and aspnet_wp.exe in the page loading process.
- 13) What's the difference between Response.Write () and Response.Output.Write ()?
- 14) What methods are fired during the page load?
- 15) When during the page processing cycle is View State available?
- 16) What namespace does the Web page belong in the .NET Framework class hierarchy?
- 17) Where do you store the information about the user's locale?
- 18) What's the difference between Codebehind="MyCode.aspx.cs" and Src="MyCode.aspx.cs"?
- 19) What's a bubbled event?
- 20) Suppose you want a certain ASP.NET function executed on Mouse Over for a certain button. Where do you add an event handler?
- 21) What data types does the RangeValidator control support?

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- 22) Explain the differences between Server-side and Client-side code?
- 23) What type of code (server or client) is found in a Code-Behind class?
- 24) Should user input data validation occur in server-side or client-side? Why?
- 25) What is the difference between Server.Transfer and Response.Redirect? Why would I choose one over the other?
- 26) Can you explain the difference between an ADO.NET Dataset and an ADO Recordset?
- 27) What is the Global.asax used for?
- 28) What are the Application_Start and Session_Start subroutines used for?
- 29) Can you explain what inheritance is and an example of when you might use it?
- 30) What is an assembly?
- 31) Describe the difference between inline and code behind.
- 32) Explain what a diffgram is, and a good use for one?
- 33) Which method do you invoke on the Data Adapter control to load your generated dataset with data?
- 34) Can you edit data in the Repeater control?
- 35) Which template must you provide, in order to display data in a Repeater control?
- 36) How can you provide an alternating color scheme in a Repeater control?
- 37) What property must you set, and what method must you call in your code, in order to bind the data from a data source to the Repeater control?
- 38) What base class do all Web Forms inherit from?
- 39) Name two properties common in every validation control?
- 40) Which property on a Combo Box do you set with a column name, prior to setting the Data Source, to display data in the combo box?

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- 41) Which control would you use if you needed to make sure the values in two different controls matched?
- 42) How many classes can a single .NET DLL contain?

Web Service Questions

- 43) What is the transport protocol you use to call a Web service?
- 44) True or False: A Web service can only be written in .NET?
- 45) What does WSDL stand for?
- 46) Where on the Internet would you look for Web services?
- 47) True or False: To test a Web service you must create a Windows application or Web application to consume this service?
- 48) What is View State?
- 49) What is the lifespan for items stored in View State?
- 50) What does the "EnableViewState" property do? Why would I want it on or off?
- 51) What are the different types of Session state management options available with ASP.NET?
- 52) What is XHTML? Are ASP.NET Pages compliant with XHTML?
- 53) Can I use different programming languages in the same application?
- 54) I have created a configuration setting in my web.config and have kept it at the root level. How do I prevent it from being overridden by another web.config that appears lower in the hierarchy?
- 55) What are Themes?
- 56) How do you apply Themes to an entire application?
- 57) Which base class does the web form inherit from?
- 58) What are skins?
- 59) What are Master Pages?

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- 60) How is a Master Page different from an ASP.NET page?
- 61) How do you attach an existing page to a Master page?
- 62) What is a nested master page? How do you create them?
- 63) What is the difference between Skins and Css files?
- 64) What is a User Control?
- 65) What is a Custom Control?
- 66) What method do you use to explicitly kill a users session?
- 67) What is the difference between 'Web.config' and 'Machine.config'?
- 68) What is the .NET Framework?
- 69) What is JIT?
- 70) What is portable executable (PE)?
- 71) What is an application domain?
- 72) How does an AppDomain get created?
- 73) What is a dynamic assembly?
- 74) What is a strong name?
- 75) What is GAC? What are the steps to create an assembly and add it to the GAC?
- 76) What is a garbage collector?
- 77) What is DLL hell?
- 78) Difference between Dataset and Recordset.
- 79) How does VB.NET/C# achieve polymorphism?
- 80) Can you explain what inheritance is and an example of when you might use it?
- 81) How would you implement inheritance using VB.NET/C#?

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- 82) What is .NET remoting?
- 83) What are delegates?
- 84) Describe session handling in a web form, how does it work and what are the limits
- 85) How do you turn off cookies for one page in your site?
- 86) How is a property designated as read-only?
- 87) What are sessions in asp.net?

ADO.NET

- 88) Which namespace is used by ADO.NET?
- 87) What property must you set, and what method must you call in your code, in order to bind the data from some data source to the Repeater control?
- 88) How to bind the controls combo boxes to the data in the dataset?
- 89) list all the classes those are used for database connections between sql server and asp.net.
- 90) How can we add a check box or a dropdown list to a column in a data grid?
- 91) What is difference in Record set and Dataset?
- 92) What is the difference between data reader and data adapter?
- 93) How can we load multiple tables in to Dataset?
- 94) What is the difference between data reader & data set
- 95) How do we use stored procedure in ADO.NET and how do we provide parameters to the stored procedures?
- 96) Which is the best place to store connection string in .NET projects?
- 97) What are the steps involved to fill a dataset?
- 98) What are the various methods provided by the dataset object to generate XML?

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- 99) What is basic use of "Data View"?
- 100) How can we add relation between tables in a Dataset?
- 101) Explain in detail the fundamental of connection pooling?
- 102) What is Maximum Pool Size in ADO.NET Connection String?
- 103) What extra features does ADO.Net 2.0 have?

C#

- 104) What is an object? Define a class.
- 105) Does C# support multiple inheritance?
- 106) Real life examples of polymorphisms, encapsulation and inheritance?
- 107) What happens when a C# project has more than 1 Main methods
- 108) What is partial class? & what is advantage.
- 109) How to use HASH TABLE, ARRAYLIST in c# explain with example?
- 110) What is Thread? Use of Threads in c#.
- 111) How do you inherit from a class in C#?
- 112) What is the main difference between pointer and delegate with examples?
- 113) How's method overriding different from overloading?
- 114) Does C# support multiple inheritance?
- 115) How do you add objects to hash table?
- 116) What is the way to stop a long running thread?