Threading

<http://www.albahari.com/threading/part2.aspx#_Deadlocks>

<http://www.albahari.com/threading/part4.aspx#_Nonblocking_Synchronization>

 How does backgroundworker object not able to know running in the UI thread? Explain the implementation of background worker?

Can there be two UI threads in application?

Why is lock(this) {…} bad?

<http://stackoverflow.com/questions/251391/why-is-lockthis-bad>

What are common reasons for deadlocks?

<http://stackoverflow.com/questions/528303/what-are-common-reasons-for-deadlocks>

How to avoid deadlocks?

<http://pages.cs.wisc.edu/~remzi/Classes/537/Fall2005/Lectures/lecture8.pdf>

<http://stackoverflow.com/questions/1057054/how-to-avoid-deadlocks>

<http://stackoverflow.com/questions/1043928/avoid-deadlocks-in-a-multithreaded-process>

<http://msdn.microsoft.com/en-us/magazine/cc163618.aspx>

**Detecting deadlocks: - very very good one.**

<http://msdn.microsoft.com/en-us/magazine/cc163618.aspx>

<http://stackoverflow.com/questions/894037/sample-code-to-illustrate-a-deadlock-by-using-lockthis>

                Example of deadlock

<http://stackoverflow.com/questions/2411410/simple-deadlock-example-in-c-sharp>

In c# does a locked object stay locked if an exception occurs inside it?

<http://stackoverflow.com/questions/590159/in-c-sharp-does-a-locked-object-stay-locked-if-an-exception-occurs-inside-it>

<http://bytes.com/topic/c-sharp/answers/256786-exceptions-inside-lock-statement>

locking a resource via lock within try. Is it wrong?

<http://stackoverflow.com/questions/5997360/locking-a-resource-via-lock-within-try-is-it-wrong>

Is this lock usage thread safe?

<http://stackoverflow.com/questions/8924500/is-this-lock-usage-thread-safe>

 TPL:

<http://blogs.msdn.com/b/csharpfaq/archive/2010/06/01/parallel-programming-in-net-framework-4-getting-started.aspx>

<http://reedcopsey.com/2010/03/15/parallelism-in-net-part-13-introducing-the-task-class/>

<http://blogs.msdn.com/b/csharpfaq/archive/2010/06/01/parallel-programming-in-net-framework-4-getting-started.aspx>

<http://www.amazedsaint.com/2010/05/tasks-1-2-3-parallel-extensions-in-net.html>

Large Object Heap – Limitations of GC

<http://msdn.microsoft.com/en-us/magazine/cc534993.aspx>

<http://www.simple-talk.com/dotnet/.net-framework/the-dangers-of-the-large-object-heap/>

<http://connect.microsoft.com/VisualStudio/feedback/details/521147/large-object-heap-fragmentation-causes-outofmemoryexception>

<http://www.simple-talk.com/dotnet/.net-framework/understanding-garbage-collection-in-.net/>

<http://stackoverflow.com/questions/917552/what-happens-during-garbage-collection-if-generation-2-is-filled>

GC Algorithm:

<http://msdn.microsoft.com/en-us/magazine/bb985010.aspx>

What is finalization queue? What is the algorithm for GC?

<http://codemine.net/post/The-garbage-collector-(GC).aspx>

Disposable

<http://msdn.microsoft.com/en-us/library/fs2xkftw.aspx>

<http://stackoverflow.com/questions/10316418/should-dispose-only-be-used-for-types-containing-unmanaged-resources?rq=1>

<http://nitoprograms.blogspot.co.uk/2009/08/first-rule-of-implementing-idisposable.html>

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http://[odetocode.com/Articles/314.aspx](http://odetocode.com/Articles/314.aspx)

<http://stackoverflow.com/questions/1090650/are-static-methods-thread-safe>

<http://social.msdn.microsoft.com/Forums/en/csharpgeneral/thread/d7a00509-1ede-4b2a-9287-a34ad3c01500>

<http://stackoverflow.com/questions/420895/how-do-i-know-if-a-c-sharp-method-is-thread-safe>

<http://stackoverflow.com/questions/2314829/static-method-local-variables-and-thread-safety>

<http://stackoverflow.com/questions/2433772/are-primitive-data-types-in-c-sharp-atomic-thread-safe>

<http://stackoverflow.com/questions/5600551/are-static-methods-performant-on-intensive-and-parallel-application-parameters>

<http://reedcopsey.com/2010/03/15/parallelism-in-net-part-13-introducing-the-task-class/>

<http://blogs.msdn.com/b/csharpfaq/archive/2010/06/01/parallel-programming-in-net-framework-4-getting-started.aspx>

Static good or bad

<http://simpleprogrammer.com/2010/01/29/static-methods-will-shock-you/>

<http://java.dzone.com/articles/static-methods-are-death-testa>

<http://www.michaelminella.com/testing/how-to-mock-static-methods.html>

<http://codebetter.com/jeremymiller/2005/07/20/tdd-design-starter-kit-static-methods-and-singletons-may-be-harmful/>

Delegates and Events

Delegate Internals:

<http://msdn.microsoft.com/en-us/magazine/cc301810.aspx>

<http://msdn.microsoft.com/en-us/library/ms173175.aspx>

A delegate object is pointing to 5 methods? How the methods would get called? If there is an exception thrown by 2nd method If there is any exception in 2nd method, what is going to happen? How do you ensure that delegate continues to execute remaining methods?

<http://stackoverflow.com/questions/5740650/how-to-handle-exception-in-multicast-delegate-in-c>

How does Begin Invoke and Invoke differs? Explain working of IAsyncResult?

<http://stackoverflow.com/questions/229554/whats-the-difference-between-invoke-and-begininvoke>

<http://stackoverflow.com/questions/6258859/call-begininvoke-on-multicastdelegate>

How do you get the return types from multiple methods called by multicast delegate?

**Exception handling and out parameter**

<http://blogs.msdn.com/b/abhinaba/archive/2007/05/10/c-out-parameter-assignment-trivia.aspx>

Out and ref parameter

How does ref and out differ? For reference type, explain the real use of ref parameter.

<http://stackoverflow.com/questions/961717/c-what-is-the-use-of-ref-for-reference-type-variables>

Anonymous types and methods/Extension methods

Extension Methods:

<http://stackoverflow.com/questions/1132262/extension-methods-versus-inheritance>

<http://stackoverflow.com/questions/787324/when-do-you-use-extension-methods-ext-methods-vs-inheritance>

Anonymous Types and Methods:

<http://msdn.microsoft.com/en-us/library/bb397696.aspx>

<http://msdn.microsoft.com/en-us/library/bb308966.aspx>

<http://msdn.microsoft.com/en-us/library/bb397696.aspx>

<http://msdn.microsoft.com/en-us/library/0yw3tz5k(v=vs.80).aspx>

<http://stackoverflow.com/questions/2640471/c-sharp-interview-question-anonymous-type>

Lambda Vs Anonymous Methods

<http://blogs.msdn.com/b/ericlippert/archive/2007/01/10/lambda-expressions-vs-anonymous-methods-part-one.aspx>

**Closures/Captured variables**

<http://stackoverflow.com/questions/428617/what-are-closures-in-net>

<http://csharpindepth.com/articles/chapter5/closures.aspx>

C# 3 and 4 new features

C# 3.0 new features:

<http://stackoverflow.com/questions/4384445/what-is-the-reason-for-which-a-functions-return-type-cannot-be-var>

C# 4 new features:

<http://www.codeproject.com/KB/cs/CSharp4Features.aspx>

<http://blogs.msdn.com/b/csharpfaq/archive/2010/01/25/what-is-the-difference-between-dynamic-and-object-keywords.aspx>

<http://blog.walteralmeida.com/2010/05/using-the-dynamic-keyword-in-c-to-improve-objectorientation.html>

<http://blogs.msdn.com/b/davidebb/archive/2010/01/18/use-c-4-0-dynamic-to-drastically-simplify-your-private-reflection-code.aspx>

<http://blogs.msdn.com/b/csharpfaq/archive/2010/01/25/what-is-the-difference-between-dynamic-and-object-keywords.aspx>

<http://blog.walteralmeida.com/2010/05/using-the-dynamic-keyword-in-c-to-improve-objectorientation.html>

<http://blogs.msdn.com/b/davidebb/archive/2010/01/18/use-c-4-0-dynamic-to-drastically-simplify-your-private-reflection-code.aspx>

C# 4:

<http://www.codeproject.com/KB/cs/CSharp4Features.aspx>

C# 3:

<http://msdn.microsoft.com/en-us/library/bb308966.aspx>

<http://stackoverflow.com/questions/2640471/c-sharp-interview-question-anonymous-type>

Singleton pattern

<http://stackoverflow.com/questions/4085463/why-we-should-consider-the-logger-class-as-a-singleton>

<http://www.ibm.com/developerworks/webservices/library/co-single/index.html>

“Keyboard is an instrument and Instrument is a keyboard”. Draw UML diagram showing the relationships in class diagram.

Design\_logging API.

 Singleton pattern and GC

<http://csharpindepth.com/Articles/General/Singleton.aspx>

<http://stackoverflow.com/questions/4127458/when-would-the-garbage-collector-erase-an-instance-of-an-object-that-uses-single>

<http://stackoverflow.com/questions/8877552/how-and-when-to-dispose-garbage-collect-a-singleton-instance>

<http://stackoverflow.com/questions/4127458/when-would-the-garbage-collector-erase-an-instance-of-an-object-that-uses-single>

<http://java.sun.com/developer/technicalArticles/Programming/singletons/>

<http://www.dotnetperls.com/singleton-static>

**Differences singleton vs static - good one:**

<http://dotnet.dzone.com/news/c-singleton-pattern-vs-static>-

Parameter passing

<http://www.yoda.arachsys.com/csharp/parameters.html>

Collections:

|  |  |
| --- | --- |
| |  | | --- | | **What significance of protected Constructors?** | |

<http://www.coolinterview.com/interview/5550/>

<http://www.java-questions.com/collections_interview_questions.html>

 Multiple Inheritance:

<http://www.codeproject.com/Articles/10072/Simulated-Multiple-Inheritance-Pattern-for-C>

<http://stackoverflow.com/questions/178333/multiple-inheritance-in-c-sharp>

Interview Questions:

<http://www.careercup.com/page>

Partial class in different assembly:

<http://stackoverflow.com/questions/3858649/partial-classes-in-separate-dlls>

<http://stackoverflow.com/questions/647385/is-it-possible-to-have-two-partial-classes-in-different-assemblies-represent-the>

<http://stackoverflow.com/questions/3858649/partial-classes-in-separate-dlls>

Performance tuning

<http://visualstudiomagazine.com/articles/2010/06/23/code-contracts.aspx>

Code\_Contracts

<http://stackoverflow.com/questions/260817/design-by-contract-in-c-sharp>

<http://visualstudiomagazine.com/articles/2010/06/23/code-contracts.aspx>

<http://msdn.microsoft.com/en-us/library/dd264808.aspx>

<http://research.microsoft.com/en-us/downloads/4ed7dd5f-490b-489e-8ca8-109324279968/default.aspx>

<http://research.microsoft.com/en-us/projects/contracts/>

Log4Net

<http://logging.apache.org/log4net/release/faq.html>

<http://www.codeproject.com/Articles/8245/A-Brief-Introduction-to-the-log4net-logging-librar>

<http://www.codeproject.com/Articles/140911/log4net-Tutorial>

<http://log4net.sourceforge.net/release/1.2.0.30316/doc/manual/faq.html>

<http://www.alteridem.net/2008/02/29/log4net-slides-and-example-code/>

<http://ondotnet.com/pub/a/dotnet/2003/06/16/log4net.html>

<http://www.alteridem.net/2008/01/10/writing-an-appender-for-log4net/>

<http://65.39.148.34/KB/trace/wcf_appender_for_log4net.aspx?display=PrintAll&fid=1580401&df=90&mpp=10&noise=1&prof=True&sort=Position&view=Quick>

<http://devrants.blog.com/2009/04/05/log4net-documentation/>

Attached Vs Dependency properties:

<http://stackoverflow.com/questions/1240699/whats-the-difference-between-a-dependency-property-and-an-attached-property-in>

<http://joshsmithonwpf.wordpress.com/2007/06/22/overview-of-attached-properties-in-wpf/>

<http://joshsmithonwpf.wordpress.com/2007/06/22/overview-of-dependency-properties-in-wpf/>

SQL\_queries:

<http://www.gcreddy.net/2010/03/sql-queries-examples.html>

Table Vs view

<http://www.geekinterview.com/question_details/29308>

Functions Vs Stored Procedure

<http://wiki.answers.com/Q/What_is_difference_between_function_and_stored_procedure_in_sql_server>

<http://venkatsqlinterview.blogspot.com/2011/05/what-is-difference-between-user-defined.html>

<http://wiki.answers.com/Q/What_is_difference_between_function_and_stored_procedure_in_sql_server>

<http://stackoverflow.com/questions/1179758/function-vs-stored-procedure-in-sql-server>

<http://www.sql-server-business-intelligence.com/sql-server/interview-questions-and-answers/sql-interview-questions-and-answers-pdf-download>

<http://sql-plsql.blogspot.com/2009/04/sql-interview-questions.html>

<http://www.learn.geekinterview.com/resources/interview-articles/sql-interview-questions-with-answers.html>

<http://faq.programmerworld.net/database/sql-interview-questions-and-answers.html>

<http://www.sap-img.com/oracle-database/oracle-question-and-answer-sql.htm>

<http://www.sqlrecipes.com/sql_questions_answers/>

<http://r4r.co.in/sql/sql_Interview_Questions_And_Answers/SUB_Query_Objective_Questions_And_Answers.php>

**WCF**

**Why do WCF services use interfaces as a Service Contract instead of an abstract class?**

**When you create a WCF service, you get two files; "IService.cs" and "Service.cs". Why is it a class implementing an interface versus a class inheriting an abstract class. Don't reply saying that you cannot put a [servicecontract] attribute over the abstract class. I know you can only apply it to interfaces, but why?**

**Why do we need an Interface in Web Service?**

**In dotnet interfaces are used for describing behaviour. WCF, Web-services and remoting this all technology uses RPC (Remote Procedure Calling) behaviour. In RPC there must be some common binding which shared by client and server.   
  
If you use classes instead of interface, you've share your resultant dll file to client also.   
hence your logic goes to client side, which is not good practice. that's why we are using interfaces.**

WCF completely decouples the client from the service, if you specify the implementation of the service as the service you have tightly coupled your client to the service.

**Can we use Service contract on abstract class? Can we use abstract class instead of interface in wcf as servicecontract?**

<http://forums.asp.net/t/1711627.aspx/1>

No you cannot.  Exception thrown. System.InvalidOperationException: If a class is marked with ServiceContractAttribute, then another service class cannot derive from it.

public class Service1 : AbstractService  
    {  
        public override string GetData(int value)  
        {  
            return string.Format("You entered: {0}", value);  
        }  
    }  
  
    **[ServiceContract]**

public abstract class AbstractService  
    {  
        [OperationContract]  
        public abstract string GetData(int value);  
  
        [OperationContract]  
        public CompositeType GetDataUsingDataContract(CompositeType composite)  
        {  
            if (composite.BoolValue)  
            {  
                composite.StringValue += "Suffix";  
            }  
            return composite;  
        }  
    }

**Can we’ve interface contract, abstract class inheriting from interface and finally service class inherits from abstract class?**

This is valid and works well.

    [ServiceContract]  
    public interface IService1  
    {  
  
        [OperationContract]  
        string GetData(int value);  
  
        [OperationContract]  
        CompositeType GetDataUsingDataContract(CompositeType composite);  
  
        // TODO: Add your service operations here  
    }  
  
  
  public class **Service1 : AbstractService**     {  
        public override string GetData(int value)  
        {  
            return string.Format("You entered: {0}", value);  
        }  
    }  
  
    public abstract class **AbstractService : IService1**     {  
        public abstract string GetData(int value);  
  
        public CompositeType GetDataUsingDataContract(CompositeType composite)  
        {  
            if (composite.BoolValue)  
            {  
                composite.StringValue += "Suffix";  
            }  
            return composite;  
        }  
    }

**Is it possible to not to have any service class and directly exposing the abstract class as service? Consider that interface is service contract.**

Exception thrown. System.InvalidOperationException: Service implementation type is an interface or abstract class and no implementation object was provided.

    [ServiceContract]  
    public interface IService1  
    {  
  
        [OperationContract]  
        string GetData(int value);  
  
        [OperationContract]  
        CompositeType GetDataUsingDataContract(CompositeType composite);  
  
        // TODO: Add your service operations here  
    }  
  
  
  
    public abstract class **AbstractService : IService1**     {  
        public abstract string GetData(int value);  
  
        public CompositeType GetDataUsingDataContract(CompositeType composite)  
        {  
            if (composite.BoolValue)  
            {  
                composite.StringValue += "Suffix";  
            }  
            return composite;  
        }  
    }

WCF FAQ

<http://www.codeproject.com/Articles/29480/Windows-Communication-Foundation-FAQ-quick-starter#Howcanwehostaserviceontwodifferentprotocolsonasingleserver>

**Can you overload methods in WCF?**

The short answer is yes.  Technically, it is possible to overload a method in WCF.  However, when you want to expose overloaded methods as operations in a WCF contract, there is more to it than simply writing two or more methods with the same name.

Consider the following example:

[ServiceContract]

public interface ICalendarService

{

[OperationContract]

ScheduledEvent[] GetScheduledEvents(DateTime date);

[OperationContract]

ScheduledEvent[] GetScheduledEvents(DateTime start, DateTime end);

}

Now, try to actually implement this interface and host it as a WCF service.  Kaboom!  An InvalidOperationException will be raised when you invoke ServiceHost.Open.  Jeff, I thought you said that methods could be overloaded in WCF.  What gives?

As far as the C# compiler is concerned, this is a completely legal piece of code.  The interface contains two methods.  The methods have the same name, but their signatures are unique since their parameters differ.  The interface and methods are decorated with attributes.  However, WCF doesn't have any special hooks into the compiler.  Consequently, the compiler doesn't have any special knowledge about the attributes.  It is simply going to emit their information in the assembly metadata.

When WCF attempts to start the service, it essentially interrogates the metadata to generate a WSDL contract.  WSDL is all about technology neutral, message based communication.  It doesn't support object-oriented concepts such as inheritance and overloading.  (Actually, I ***think*** the earliest versions of WSDL allowed overloading to a certain extent, but it has since been removed in the newer versions.)  So, WCF basically detects there are two methods with the same name and raises an exception to indicate this isn't allowed even though the code compiled without any errors.

Regardless, WCF still provides the ability to overload methods.  This can be achieved by using the name property of the OperationContract attribute.  By default, the name of the method will be used for the value of the name property.  However, you can explicitly set the value of the name property to provide a unique value.  Under the covers, WCF will use the value you supply as the name of the corresponding operation in the generated WSDL.

Here is our previous example revised to use alias method names:

[ServiceContract]

public interface ICalendarService

{

[OperationContract(Name = "GetScheduledEventsByDate")]

ScheduledEvent[] GetScheduledEvents(DateTime date);

[OperationContract(Name = "GetScheduledEventsByDateRange")]

ScheduledEvent[] GetScheduledEvents(DateTime start, DateTime end);

}

You may be wondering how the method will appear to the consumer of the service.  Will it appear as two different names (based on the the alias) or as overloaded methods with the same name?  This will depend upon the proxy class used by your client.  If you use the proxy class that is automatically generated by svcutility.exe, the alias method names will be used.  However, you can manually edit the generated proxy class to achieve the appearance of overloaded methods on the client as well.  This can be accomplished by applying the same attributes to the methods defined in the interface that is used by the proxy class.

As you can see, overloading of methods is possible in WCF.  However, there is another question that remains to be answered.  Just because you have the ability to overload methods exposed in the contract, should you do it?  There are a lot of varied opinions about this type of question.  It is hard to say whether any of them are definitively right or wrong.  Personally, I am in the camp that you should avoid it unless there is a compelling reason.

Don't get me wrong.  There is absolutely nothing wrong with method overloading in the realm of object oriented programming.  However, object oriented development doesn't translate directly to service oriented development.  I don't think it is generally a good idea to expose overloaded methods as part of a service contract.  It is a specific object-oriented concept that doesn't really fit into the semantics of service orientation.

**Unit Testing**

**Unit Testing static class and methods**

<http://adventuresdotnet.blogspot.co.uk/2011/03/mocking-static-methods-for-unit-testing.html#!/2011/03/mocking-static-methods-for-unit-testing.html>

<http://www.dotnetfunda.com/forums/thread7539-how-to-do-unit-testing-of-static-classes-and-methods.aspx>

<http://programmers.stackexchange.com/questions/5757/is-static-universally-evil-for-unit-testing-and-if-so-why-does-resharper-recom>

How do you unit test private methods? <http://stackoverflow.com/questions/34571/whats-the-proper-way-to-test-a-class-with-private-methods-using-junit>

How do you unit test static methods? What strategy you adopt to test static methods? <http://adventuresdotnet.blogspot.com/2011/03/mocking-static-methods-for-unit-testing.html>

**Refactoring static classes to make it unit testable singleton objects**

<http://codereview.stackexchange.com/questions/10359/unit-testing-legacy-code-with-static-classes>

Class Design

<http://stackoverflow.com/questions/5457236/interview-question-on-class-design>

HR and managerial ques

Suppose your offshore manager provides a solution to you and onshore manager provides another solution for the same problem. You depend on both for your appraisal. Whom are you going to listen and implement the solution?

What are your last appraisal review comments from your manger?

Give one instance where you were criticized.

Suppose you review code and provide comments to developer. The developer turns down your suggestion. What are you going to do?

Have you ever done code review? What things you look at when you do code review?

Give one instance where you've solved a very critical problem and for which you've got recognition.

Have you ever done a mistake in implementing a requirement. If so, how have you overcome the issue.

ASP.Net

<http://www.dotnetcurry.com/ShowArticle.aspx?ID=63>

<http://www.dotnetfunda.com/articles/article713-difference-between-web-farm-and-web-garden-.aspx>

<http://msdn.microsoft.com/en-us/library/wf922ts9(v=vs.71).aspx>

<http://www.dotnetfunda.com/articles/article821-beginners-guide-how-iis-process-aspnet-request-.aspx>

<http://dotnetslackers.com/articles/iis/ASPNETInternalsIISAndTheProcessModel.aspx>

Request processing:

<http://www.dotnetfunda.com/articles/article821-beginners-guide-how-iis-process-aspnet-request.aspx>

<http://dotnetslackers.com/articles/iis/ASPNETInternalsIISAndTheProcessModel.aspx>

<http://www.codeproject.com/KB/aspnet/aspnetrequestarchitecture.aspx>

<http://www.codeproject.com/KB/aspnet/aspnetviewstatepagecycle.aspx>

Web farm Vs Web Garden

<http://www.dotnetfunda.com/articles/article713-difference-between-web-farm-and-web-garden.aspx>

StateManagement

<http://www.dotnetfunda.com/articles/article61.aspx>

1. How do we know the performance of an ASP.net application? How to improve performance of an ASP.net application?

Ans: http://www.realsoftwaredevelopment.com/20-tips-to-improve-aspnet-application-performance/

2. Suppose after deployment of ASP.net application in production server, certain pages take more

time to open in client machines. Explain how do you try to find out this problem? The application

works fine in development machines?

3. How do you handle errors in stored procedure in SQL servre 2000, 2005 and 2008?

4. What are triggers? waht are the different types of triggers? Which trigger is executed first?

5. Can we have multiple config file in ASP.net application? If so, how? Can we change the order at

which config files are considered?

6. Can we return a table in stored procedure? How is it different from function w.r.t return types?

7. In a team different members are working as developer and checking in code. By mistake a developer checks

in wrong code and due to which, build fails on the next day? Explain how do we prevent such situaion in VSS

by verifying the code if it builds successfully while checking in.

8. How do we estimate a task in software development?

9. How can we call a stored procedure using ADO.net?

10.Draw two fan objects on a piece of paper- ceiling fan and a table fan. Please model it using C#.

11.In a ASP.net application, you need to display say 1000 records fetched from databse. Which control in ASP.net

do you prefer for faster and efficient display of the data and why? Note that you do not need to edit any data.

12. Suppose you drag and drop a user control from toolbox in ASP.net, what code is generated in aspx file?

13. What are the different ways of calling web methods?

14. How do we performance tune a database? How can we improve performance?

15. Server.Transfer and Response.Redirect

16. What do you do in Page\_Prerender and Page\_Render event handler in ASP.net page?

17. What are the steps of designing a database?

18. Suppose you have built a banking application. At a certain time, 100 number of users/clients are usin the application.

Suddenly, number of users have increased to 1lakh. For this reason, the application has failed and users are encounetring

page error problem. What is the problem in the system? How do we correct it?

or What is Load-balancing and Do I need It?

Ans: http://webhosting.devshed.com/c/a/Web-Hosting-Articles/What-is-Load-balancing-and-Do-I-Need-It/

19. Suppose we build the applicaton using configuration - Debug in VS. Would there be any problems because of this?

What it is recommended to use Release configuration for creating package for installation in client machine?

20. Can we update a view? How a view is different from a table?

21. Can we read an uncommitted data from databse? If so, how?

22. How do you decide which columns in a table you need to perform indexing?

23. Suppose you have two tables. How do you implement many to many relationships?