

WCF

Top 10 WCF Interview Questions

<http://www.topwcftutorials.net/2012/06/wcf-top-10-interview-questions.html>

WCF Interview Questions – Part 1

<http://www.topwcftutorials.net/2012/08/wcf-faqs-part1.html>

WCF Self Hosting in a Console Application Simplified

<http://www.topwcftutorials.net/2014/05/wcf-self-hosting-console-application.html>

WCF Vs ASMX Web Services

<http://www.topwcftutorials.net/2012/06/wcf-vs-asmx-web-services.html>

3 Ways to generate proxy for WCF Service

<http://www.topwcftutorials.net/2014/06/3-ways-generate-proxy-wcf-service.html>

5 simple steps to create your first RESTful service

<http://www.topwcftutorials.net/2013/09/Simple-Steps-For-RESTful-Service.html>

Welcome to WCF Tutorial

<http://www.topwcftutorials.net/>

WCF Throttling

<https://www.codeproject.com/Articles/33362/WCF-Throttling>

HTML5

Top 10 HTML5 Interview Questions

<http://www.webdevelopmenthelp.net/2013/04/html5-interview-questions.html>

Asp.net AJAX

Top 10 ASP.NET AJAX Interview Questions

<http://www.webdevelopmenthelp.net/2014/04/asp-net-interview-questions-part5.html>

ASP.NET Interview Questions for Beginners and Professionals – Part 1

<http://www.webdevelopmenthelp.net/2014/03/asp-net-interview-questions-part1.html>

Top 10 ASP.NET MVC Interview Questions

<http://www.webdevelopmenthelp.net/2013/09/top-asp-net-mvc-interview-questions.html>

Difference between ASP.NET WebForms and ASP.NET MVC

<http://www.webdevelopmenthelp.net/2013/10/difference-between-asp-net-webform-and-asp-net-mvc.html>

ASP.NET MVC Passing data from Controller to View
<http://www.webdevelopmenthelp.net/2014/06/asp-net-mvc-pass-data-controller-view.html>

ASP.NET MVC Shopping Cart with C#, EF, SQL Server-Part1
<http://www.webdevelopmenthelp.net/2016/10/asp-net-mvc-shopping-cart-part1.html>15-interview-questions

Top 10 ASP.NET Web API Interview Questions
<http://www.webdevelopmenthelp.net/2014/05/asp-net-web-api-interview-questions.html>

Top 5 New Features in ASP.NET Web API 2
<http://www.webdevelopmenthelp.net/2013/10/aspnet-webapi2-new-features.html>

A Practical Guide to ASP.NET Web API
<http://www.webdevelopmenthelp.net/2014/02/practical-guide-asp-net-web-api.html>

3 simple steps to create your first ASP.NET Web API services
<http://www.webdevelopmenthelp.net/2013/09/asp-web-api-service.html>

ASP.NET MVC3 Vs MVC4 Vs MVC5 Vs MVC6
<http://www.webdevelopmenthelp.net/2014/02/asp-net-mvc3-vs-mvc4-vs-mvc5.html>

What's new in Entity Framework from beginning to EF7 - EF Core
<http://www.webdevelopmenthelp.net/2014/09/whats-new-in-entity-framework.html>

7 jQuery Code Snippets every web developer must have
<http://www.webdevelopmenthelp.net/2013/09/7-jquery-code-snippet.html>

Understanding ASP.NET MVC5 Model First Approach with EF6
<http://www.webdevelopmenthelp.net/2015/01/understanding-model-first-approach-aspnet-mvc5.html>

Best Resources for Web and Mobile Development
<http://www.webdevelopmenthelp.net/2016/04/best-resources-web-mobile-development.html>#ASPCore

[22-Feb-17 10:21 AM] Arunkumar Sampath:
<http://www.isro.gov.in/careers>
[22-Feb-17 11:35 AM] Kesavan Rajendran:
<https://channel9.msdn.com/Forums/TechOff/A-simple-and-pure-C-implementation-of-the-good-old-linked-list>
[22-Feb-17 12:43 PM] Kesavan Rajendran:
<http://codepattern.net/Blog/post/HCL-Interview-questions-on-WCF>
[22-Feb-17 2:06 PM] Kesavan Rajendran:
hi
you there
[22-Feb-17 5:09 PM] Kesavan Rajendran:

<http://www.electrical4u.com/digital-electronics/>
[23-Feb-17 10:38 AM] Kesavan Rajendran:
<https://docs.microsoft.com/en-us/aspnet/web-api/overview/security/forms-authentication>

Installing Ionic

<https://ionicframework.com/docs/v2/intro/installation/>
<https://scotch.io/tutorials/build-a-mobile-app-with-angular-2-and-ionic-2>
<http://www.cprogramming.com/tutorial/computersciencetheory/sortcomp.html>
<http://igoro.com/archive/efficient-auto-complete-with-a-ternary-search-tree/>

Ang Js

<http://www.c-sharpcorner.com/UploadFile/65794e/web-api-with-angular-js/>
<http://www.dotnetcurry.com/aspnet/1049/crud-database-aspnet-webapi-angularjs>

Sorting

http://www.softwareandfinance.com/CSharp/QuickSort_Recursive.html

wpf web api

<http://www.strathweb.com/2012/06/drag-and-drop-files-to-wpf-application-and-asynchronously-upload-to-asp-net-web-api/>
<http://www.strathweb.com/2012/03/build-p2p-chat-application-with-wpf-and-asp-net-web-api/>

Js

Closure

<https://veerasundar.com/blog/2013/08/javascript-closure-examples/>
<https://developer.mozilla.org/en/docs/Web/JavaScript/Closures>

Good link to learn many useful logics

<http://me.dt.in.th/>

HeapSort Implementation Explanation

<http://me.dt.in.th/page/Quicksort/>

Sorting Array using ang.js

<http://plnkr.co/edit/gist:6743484?p=preview>

Codinggeek - Data Structures Explanation

<http://www.codinggeek.com/data-structure>

Codinggeek - Algorithms Explanation

<http://www.codinggeek.com/algorithms/>

Codinggeek - Quick Sort Algorithm Explanation

<http://www.codinggeek.com/algorithms/quick-sort-algorithm-explanation-implementation-and-complexity/>

<http://quiz.geeksforgeeks.org/quick-sort/>

PSEUDOCODE OF QUICK SORT

```
QUICK-SORT(A, start, end)
    if start < end
        pIndex = PARTITION(A, start, end)
        QUICK-SORT(A, start, pIndex-1)
        QUICK-SORT(A, pIndex+1, end)
    end func
/*To sort an entire array A,
the initial call is QUICK-SORT(A, 0, A.length-1)*/

//partitioning the array with respect to pivot.
PARTITION(A, start, end)
    pivot = A[end]
    pIndex = start
    for i = start to end-1
        if A[i] < pivot
            swap A[i] with A[pIndex]
            pIndex=pIndex+1
    swap A[pIndex] with A[end]
    return pIndex
end func
```

Top Companies Interview Problems

<http://www.practice.geeksforgeeks.org/tag-page.php?tag=Paytm&isCmp=1&level=0>

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=1680>

Ans:

<http://126kr.com/article/91bjfaupmbx>

Find duplicates under given constraints

A sorted array contains 6 different numbers, only 1 number is repeated five times. So there are total 10 numbers in array. Find the duplicate numbers using two comparisons only.

Examples:

1
2
3
4
5

Input: arr[] = {1, 1, 1, 1, 1, 5, 7, 10, 20, 30}

Output: 1

Input: arr[] = {1, 2, 3, 3, 3, 3, 3, 5, 9, 10}

Output: 3

Asked in Yahoo

An important observation is, arr[4] or arr[5] is an occurrence of repeated element for sure. Below is C++ implementation based on this observation.

```
// C++ program to find duplicate element under
// given constraints.
#include<bits/stdc++.h>
using namespace std;

// This function assumes array is sorted, has
// 10 elements, there are total 6 different
// elements and one element repeats 5 times.
int findDuplicate(int a[])
```

```

{
    if (a[3] == a[4])
        return a[3];
    else if (a[4] == a[5])
        return a[4];
    else
        return a[5];
}

// Driver code
int main()
{
    int a[] = {1, 1, 1, 1, 1, 5, 7, 10, 20, 30};
    cout << findDuplicate(a);
    return 0;
}

```

Output:

Exercise: Extend the above problem for an array with n different elements, size of array is $2*(n-1)$ and one element repeats $(n-1)$ times.

This article is contributed by Rakesh Kumar . If you like GeeksforGeeks and would like to contribute, you can also write an article using contribute.geeksforgeeks.org or mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

Please write comments if you find anything incorrect, or you want to share more information about the topic discussed above.

<http://career.guru99.com/top-50-data-structure-interview-questions/>

<http://www.crazyforcode.com/data-structure-interview-questions/>

<http://www.geeksforgeeks.org/top-10-algorithms-in-interview-questions/>

JavaScript

Classes ES5 and ES6

Getter and Setter

Closures

AngularJS

Directives

\$http

\$q

promise

When to use services and factories

Diff between Angular1 and Angular2

How to bootstrap in angular.js - different ways

isolated scope

transclude

resolve

C#

MVC

Design Patterns
Web Api
Linq
SQL
EF
Jquery
Ang Js
Extention Methods

Switch statement fallthrough in C#?
foreachable queue maintains references to
static classes may be marked as partial
rethrowing an exception why we do use throw
finalizers are called when
What is the significance of load factor in HashMap?
twice the current count
Effect on performanace when you use dynamic invocation

extension can use this object?
add elements to hashtable when load factor reached

Searching in a DataStruture

lock modes in sql server
what to use dynamic sql
temporary table name in sql server

Why we need two trees, visual and logic tree
What will happen if objects not collected in gc2
Static class can be inherited from another class
Partial methods possible?
Partial classes can implement in two namespace?
If we implement same name partial classes in two namespace will it be an issue
Scope in extended methods
nested classes in C#

Named and Optional Parameters

Tuple
Parallel.ForEach

C# 4.0 released with .NET 4 and VS2010 (April 2010). Major new features: late binding (dynamic), delegate and interface generic variance, more COM support, named arguments, tuple data type and optional parameters
C# 5.0 released with .NET 4.5 and VS2012 (August 2012). Major features: async programming, caller info attributes. Breaking change: loop variable closure.
C# 6.0 released with .NET 4.6 and VS2015 (July 2015). Implemented by Roslyn. Features: initializers for automatically implemented properties, using directives to import static members, exception filters, indexed members and element initializers, await in catch and finally, extension Add methods in collection initializers.
C# 7.0 Major new features: tuples, ref locals and ref return, pattern matching (including pattern-based switch statements), inline out parameter declarations, local functions, binary literals, digit separators, and arbitrary async returns.

covarients

new features in .net framework
new features in wpf in 4.0+
Dispatcher in wpf
Error Handling in wpf

[17-Mar-17 5:53 PM] Kesavan Rajendran:
<https://channel9.msdn.com/Forums/TechOff/A-simple-and-pure-C-implementation-of-the-good-old-linked-list>

<http://www.geeksforgeeks.org/data-structures/>

Where can I find difficult algorithm/data structure problems?

Sites that contain algorithmic question. These sites are useful if one has little preparation time (a few days to one or two weeks).

List of Problems - Techie Delight
Coderust 2.0: Faster Coding Interview Preparation using Visualizations
<http://courses.csail.mit.edu/iap...>
InterviewBit
GeeksforGeeks - A computer science portal for geeks
CS Academy
<http://www.qubeet.com/>
<http://everything2.com/title/har...>
<http://www.intertection.com/ans...>
<http://algomuse.appspot.com/archive>
Interview Questions | CareerCup
<http://www.dsalgo.com/>
Coding Interview Questions
We Help Coders Get Hired
Data Structure - Assessment
Sites that have online judges, and are useful for longer term growth (think 2 months or more):

HackerRank - by Interviewstreet
<http://www.topcoder.com>
CS Academy...
(more)