

Coding Interview Questions to Ask Programmers

Java Coding Interview Questions:

1. Can you tell me the differences between vectors and arrays?

Tests knowledge of data structures.

2. When would you use an abstract class?

Tests knowledge of object-orientated programming.

3. What is the finalize()?

Test efficient programming protocols.

4. Why would it be more secure to store sensitive user data in a character array rather than in a String?

Tests deep knowledge of Java programming.

5. Can you explain what is meant by inheritance?

Tests knowledge of object-orientated programming.

See our full list of [Java Developer interview questions](#).

HTML Coding Interview Questions:

1. What is the advantage of collapsing white space in HTML?

Tests knowledge of HTML design and web layout.

2. How do you use an image map in HTML?

Tests knowledge of page links.

3. Is it possible to modify the attribute's value of the HTML tag dynamically?

Tests knowledge of HTML modification using alternate languages.

4. What is the role of meta tags in HTML?

Tests general coding knowledge of HTML.

5. Can you describe the common structure for which all HTML pages follow?

Tests detailed knowledge of webpage design.

See our full list of [HTML Developer interview questions](#).

Python Coding Interview Questions.

1. What is the significance of PEP 8 in relation to Python?

Tests knowledge of Python style guidelines.

2. What is meant by scope resolution in Python?

Tests knowledge of object functionality.

3. Can you name the different tools that are used to check bugs in Python?

Tests knowledge of static analysis tools.



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4. Why are namespaces used in Python?

Tests knowledge of scope and objects.

5. How do you convert a number to a string in Python?

Tests knowledge of Python code functions.

See our full list of [Python Developer interview questions](#).

Ruby Coding Interview Questions:

1. What is RubyGems?

Reveals knowledge of Ruby libraries.

2. Can you name some of the features of Ruby?

Tests general knowledge of Ruby language.

3. In what way is Ruby and Python similar?

Tests knowledge backend languages and their functions.

4. What is the difference between *include* and *extend* in Ruby?

Tests knowledge of module methods.

5. Can you name some of the operators used in Ruby and their functions?

Tests knowledge of Ruby operators.

See our full list of [Ruby Developer interview questions](#).

JavaScript Coding Interview Questions:

1. Can you explain the difference between Java and JavaScript?

Tests knowledge of programming languages.

2. What is the function of timers in JavaScript?

Tests knowledge of basic JavaScript functions.

3. How would you change the style/class of an element in JavaScript?

Tests knowledge of class entries.

4. What are the two ways to read and write a file using JavaScript?

Tests knowledge of file writing.

5. What are the names and functions of the looping structures in JavaScript?

Tests knowledge of looping structures.

See our full list of [JavaScript Developer interview questions](#).

PHP Coding Interview Questions:



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1. What is the name of the scripting engine that powers PHP?

Tests general knowledge of PHP.

2. What are the main differences between PHP4 and PHP5?

Tests knowledge of the PHP language base.

3. What are the main error types in PHP?

Tests knowledge of error codes.

4. How many data types are there in PHP?

Tests knowledge of data values.

5. What is the easiest way to get a client's IP address using PHP?

Tests knowledge of scripting resources.

See our full list of [PHP Developer interview questions](#).

.NET Coding Interview Questions:

1. Which scripting languages does the .NET Framework support?

Tests knowledge of .NET language capabilities.

2. Can you describe a simple way to execute unmanaged code?

Tests knowledge of .NET essential functions.

3. Can you name the different .NET assemblies and their functions?

Tests for knowledge of the resources required to build an application using .NET.

4. What is the function of the *garbage collector* in .NET?

Tests knowledge of standard coding procedures.

5. What is the difference between Stack and Heap?

Tests knowledge of stored values.

See our full list of [.NET Developer interview questions](#).

jQuery Coding Interview Questions:

1. What is the difference between JavaScript and jQuery?

Tests for knowledge of JavaScript libraries.

2. What is the use of `css()` method in jQuery?

Test knowledge of style properties.

3. What is the starting point of code execution in jQuery?

Tests for general jQuery coding knowledge.

4. What are the main advantages of using CDN?

Tests for server knowledge.



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5. What would you use the `val()` method for in jQuery?

Tests knowledge of element matching.

See our full list of [jQuery Developer interview questions](#).

