

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](https://www.betterteam.com/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](https://www.betterteam.com/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.

**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](https://www.betterteam.com/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](https://www.betterteam.com/ruby-on-rails-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](https://www.betterteam.com/javascript-developer-interview-questions).

**PHP Coding Interview Questions:**

**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](https://www.betterteam.com/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](https://www.betterteam.com/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.

**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](https://www.betterteam.com/jquery-developer-interview-questions).