**Section 5 – Quiz**

**IDE Quiz**

**Future rock star!**You're on a roll with this course.

In this section you've seen how an IDE works, and how to write JavaScript code in a more structured way.

Writing code is an important part of programming. We start with a blank file, write a few lines of code, and a program is born! IDEs help with this process by giving us things like syntax highlighting and autocomplete.

Pat yourself on the back, because you've already come a very long way.

But the good news ... we're only just getting started!

Before moving on, put your knowledge to the test with these fun questions.

See you in the very next section.

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Question 1:

What is an IDE?

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**It stands for Integrated Dotnet Execution, and is a way the browser executes JavaScript code**

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**It is a programming language**

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**It stands for Integrated Development Environment. It is just a fancy word for "text editor" and is simply a place where we write our code**

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Answer: C - IDEs are pretty cool, because they go further than just a place to write text. They are also designed to encompass all programming tasks in one place (like debugging, compiling, auto-completion, etc.).

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Question 2:

What is a local server?

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**Your Browser (which is installed on your computer or phone), needs to receive the HTML, CSS and JavaScript content. Under normal scenarios, it will request this via an external server over the Internet. But, when you are writing your own code, it is a lot more convenient to get your computer to 'serve' these files to you. All a 'local server' means is that your browser is looking internally (i.e. within your own computer or device) for the files it needs to render a page.**

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**A local server is just a fancy word for your Browsers JavaScript parser.**

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**A local server is a programming language in competition to JavaScript.**

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Answer: A

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Question 3:

All JavaScript code is inserted between <script> tags. But, where can you physically **write or reference**your JavaScript code?

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**You can only write your JavaScript code in an external file with a .js extension, and reference this file within the <script> tag. If you don't do this, the the Browser will not know where to find your JavaScript code.**

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**You can only write your JavaScript code, in between <script> tags, inside the actual HTML file itself.**

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**There are broadly 3 places you can write and reference your JavaScript code:**

**(1) Inline, where your <script> tag is placed within the opening and closing <head> tags**

**(2) Inline, where the <script> tag is placed within the opening and closing <body> tags**

**(3) Externally, by referencing your .js file extension within the <script> tag**

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Answer: C

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Question 4:

Assume that you have an external JavaScript file called main.js, that is blank.

What will the result of this code be within your HTML file:

 <script src="/main.js"> alert('This is a JavaScript alert'); </script>

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**JavaScript will be executed and an alert will be shown that reads 'This is a JavaScript alert'.**

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**Because you have a src attribute, the JavaScript code in between the <script> tags will be ignored. And because the main.js file is blank, nothing will happen.**

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**There will be an error, because you can't have a "src" attribute as well as write inline JavaScript.**

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Answer: B