Section 1- Quiz: Web Form Fundamentals

Question 1:
First question in the course. Are you ready?

Let's start easy: **what is a form?**

- ○

  A form is defined by the <paper> element in HTML and defines a place for a user to fill in details

- ○

  A form is defined by a server side language like PHP or Ruby or Node.js.

- ○

  A form is built by HTML, and is made up of one or more form controls (sometimes called widgets), plus some additional elements to help structure the overall form.

Answer: C

Question 2:
What are the 2 aspects of building a functional form?

- ○

  You have the frontend (i.e. building the HTML of the form), and the backend (for example, the server collecting form data and doing something with all of the data)

- ○

  The two aspects to a form are the `<form>` element, and the `<input>` element.

- ○

  A form needs to be within the `<body>` element and the `<form>` element.

Answer: A

Question 3:

Why do we wrap all of our form controls inside the `<form>` element?

- ○

  Trick question, because we don't. In fact, it's not good practice to wrap your form controls inside the `<form>` element.

- ○

  For 3 main reasons:

  1. it is semantically correct (plus, many assistive technologies and browser plugins can discover `<form>` elements and implement special hooks to make them easier to use)

  2. if you are using the `<form>` element, you can define `method` and `action` attributes (and a bunch of others) which are very useful

  3. it allows you to properly register your form inside the DOM (for more on DOM, check out my DOM course)

- ○

  For 2 main reasons:

  1. it saves you time

  2. it is the only way you can submit information to a server

Answer: B

Question 4:
If you don't write all of your form controls inside of the `<form>` element, is it possible for these form controls to still work and be associated with a form on your page?

- ○

  Yes.

- ○

  No.

Answer: A

Question 5:
Which HTML element is used to create a text box for a user's name or email, as well as create a toggle button like a checkbox or a radio button?

- **<textarea>**

- **<text>**

- **<input>**

Answer: C