1. **What is HTML?**

HTML, as some would think, is not a programming language, but a markup language. The name stands for Hypertext Markup Language. It’s the architecture of a website.

1. **What are tags?**

Tags are the signs that wrap the name of an element. There are of 2 kinds of tags:

* Opening tags (< >)
* Closing tags (</ >)

For the majority of elements, they are always 2 tags. But there are also exceptions, when the element is empty and has only one tag (opening or closing). For instance, the <html> tag tells the browser what type of language will interpret.

1. **Do all HTML tags have end tag?**

No, not all HTML tags have and end tag as well. For instance, the <img>, <br> and <hr> tags don’t have a closing tag.

1. **What is the difference between HTML elements and tags?**

Tags are just the signs (< >) and the elements include the content between the tags as well. An example would be:

<p>Maybe I’ll be a Front-End developer one day, who knows?</p>🡪 this is an element

<img src=”blabla.jpg”> 🡪 this is the tag

1. **What is Semantic HTML?**

Semantic HTML elements are those elements that have their own role and don’t necessarily need an attribute to have a meaning. They can work on their own. For instance, the <h3> element is by default a heading that’s smaller than h1, let’s say. But <div> element doesn’t mean a thing if we don’t add attributes to it.

1. **What is SVG?**

SVG is a format of images, just like PNG or JPEG.

1. **What is <!DOCTYPE>? Is it mandatory?**

The <!DOCTYPE> tag is the first declaration and it’s mandatory because it tells the browser what type of document is the project you’re working on. It doesn’t need a closing tag and is case-insensitive.

1. **What is the difference between <section>, <div> and <article>?**
2. **How can we link an Email address in a web page?**

If we want to link an email address in a web page, we have to create links or buttons that, when clicked, open a new outgoing email message:

<a href=<mailto:vladutmorosanu97@gmail.com>>Send email to Vladut </a>

1. **What is Application cache?**

~~Application cache is the localStorage and it stores data with no expiration date and gets cleared through clearing the browser cache.~~

1. **What is the difference between <div> and <frame>?**
2. **What is the use of span tag? Give one example.**

The <span> tag is an inline non-semantic tag and its usage should be reduced to the minimum. It’s used when you don’t want to add any specific meaning.

1. **What is the difference between <iframe>, <embed> and <object>?**
2. **What is the difference between alt=" " text and title=" " text in HTML image element?**

The alt attribute is used if an image fails to upload or for those people who are visually impaired (the screenreader will read the value of alt to them). The title attribute gives more information about the image on mouse hover. So the first attribute won’t show up unless the image fails to upload and the second one won’t show up unless you hover on with the mouse.

1. **Are HTML tags case sensitive?**

No, they are not, but it would be best to write them all lower case.

1. **How to insert a copyright symbol on a browser page?**

You write a paragraph inside the <footer> tag, like this:

<footer>

<p>©Copyright 2050 by nobody. All rights reversed.</p>

</footer>

1. **Does a hyperlink only apply to text?**

No, it can apply to an image as well.

1. **What are empty elements?**

Empty elements are those elements that do not have any content between their tags. They are also called void elements. For example:

<img src=”blabla.jpg”>

**19. Which of the following HTML elements are non-semantic?**

1. <div>
2. ~~<code>~~
3. <span>

**20. Choose block elements:**

1. <div>
2. <h3>
3. <p>
4. <table>