

1) What are the three components of Web? HTML, CSS and Javascript.

2) Define version control and give one example.

Version control allows different people to work on a single project, it allows you to share changes when they're ready and not interfere with what other people are working on within the document. Version control logs all of the changes that have been made overtime on the document. This allows you to go back to previous versions to fix or change things, and it allows you to see who has edited the code. An example would be centralized version control which allows multiple people to work on it independently but there is only one central copy.

3) What tag is used to create the title of a web page? Give an example.

You use the title tag: `<title>` `</title>`

3) What tag is used to create a paragraph in html? Give an example.

The paragraph tag which is `<p>` `</p>`

4) Identify the odd one from these tags: ``, `<p>`, `<a>`, `<i>` and state the reason?

`` It is an inline element and the others are block elements.

5) What are the tags required to create a navigation list in HTML?

`<nav>` `` ``

6) What element is used to create images? Name its attributes.

 attributes are src and alt.

7) Identify the odd one from these tags: <table>, <tr>, , <td> and state the reason.

 because it is used to make bold text and the other three are used for tables.

8) Give an example of color picker input.

#000000

9) What is the use of name and value attributes? Give two examples.

The name attribute is supplied by the web developer and the value attribute is supplied by the user. The name is the display on the website and the value is the entered information.

Ex. On an e-commerce site they know what your name is and can display it as "Hello Maeve" because you entered your name into the values when you signed up for the account.

Ex. Facebook knows what school you attend because they supplied the name attribute of 'school' and then you entered the value of 'school name'.

10) Give an example of inline style.

Inline css : <h1 style="color:blue;text-align:center;">This is a heading</h1>

11) How would you link an external style sheet? Give example.

I would use this code in my html document to link to my css file: <link rel="stylesheet" type="text/css" href="css folder/style.css">

- 12) Create CSS block to center an element both horizontally and vertically that has position:absolute and has width:200px and height:200px.

```
.element {  
    width: 200px;  
    height: 200px;  
  
    position: absolute;  
    top: 50%;  
    left: 50%;  
}
```

- 13) Create CSS keyframes block called "spin" that rotates an element.

```
@keyframes spin {  
    from {  
        transform: rotate(0deg);  
    }  
    to {  
        transform: rotate(360deg);  
    }  
}
```

15) Create CSS animation block to rotate an element that has the following properties :

- class "rotate-me"
- It rotates 5 times at intervals of 0.5s with "linear" transition using animation keyframes "spin"

```
body {  
  padding: 50px;  
}  
div {  
  width: 100px;  
  height: 100px;  
  background-color: #0CB1C4;  
  animation-name: rotate-me;  
  animation-duration: 0.5s;  
  animation-iteration-count: 5;  
  animation-timing-function: linear;  
}
```

```
@keyframes rotate-me {  
  from {  
    transform: rotate(0deg);  
  }  
  to {  
    transform: rotate(360deg);  
  }  
}
```

16) How would you include create an alert with string "I love JavaScript" using JavaScript?

```
<script>
```

```
function myFunction() {  
  alert("I love Javascript");
```

```
}
```

```
</script>
```