

1) What are the three components of the Web?

HTML, CSS, Javascript

2) Define version control and give one example.

The task of keeping a software system consisting of many versions and configurations well organized.

Examples: Mercurial, Git, Apache subversion

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

The HTML tag used to create a title of a web page is: <title>

Example: <title> This is the title page</title>

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

Tag used to create a paragraph is <p>

Example: <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. </P>

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

<a> tag is odd because it is used for linking pages.

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

<nav>

`<a href=....</a>`

`</nav>`

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

The tag used to create images is: `<img>` and required attributes are `src` and `alt`

8) Identify the odd one from these tags: `<table>`, `<tr>`, `<b>`, `<td>` and state the reason

`<b>` is the odd one of these tags because the rest are table tags while `<b>` is to bold.

9) Give an example of color picker input.

`<input type= "color" value = "ff0000">`

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

Name attributes specifies a name for the element.

ex) Name: `<input type="text"><br>`

The value attribute specifies the value of the element.

ex) button name= "subject" type= "submit" value= "html">html</button>

11) Give an example of inline style.

Inline style is used to apply a unique style for a single element. Ex) `<p style= "color:blue;font-size:46px; ">`

I am blue, <strong> strong</strong>

</p>

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

Use the link <link> element, inside the <head> section of the html page

ex) <link rel= "stylesheet" type= "text/css"href= "style.css">

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

```
.object {
```

```
Position:abosulte;
```

```
left:50%;
```

```
Top: 50%;
```

```
Width: 200px
```

```
Height:200px
```

```
Margin:-75px 0 0 -75px;
```

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

```
@keyframe spin {
```

```
Transform: rotate(0deg);
```

```
} 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"

```
@keyframes spin {
```

```
    /*from sets the start of the property in an animation*/
```

```
    From{
```

```
        transform:rotate(0deg)
```

```
    /*to sets the ending of the property in an ainmation*/
```

```
    To {
```

```
        Transform: rotate(360deg);
```

```
}
```

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

```
<script>
```

```
Function myFunction() {
```

```
Alert ("I love JavaScript");
```

```
}
```

</script>