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TYIT-1

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* ASSIGNMENT-2 *

Q1. Explain types of CSS.

→ CSS stands for Cascading style sheets.

→ Types of CSS:

(i) External CSS

→ When using CSS it is preferable to keep CSS separate from your HTML.

→ External CSS is file that contains only CSS code & saved as ".css".

→ This can be referenced in HTML file by using <link>

i.e <link rel = "stylesheet" type = "text/css"
href = "abc.css" >

(ii) Internal CSS.

→ This type of CSS is only for single page.

→ We must add tag <style> inside <head>

<html> <head>

<style type = "text/css" > </style>

</head>

== (content)

</html>

(iii) Inline CSS

- It is possible to place CSS right in your HTML code, and method of CSS usage is referred to as inline CSS.
- Has highest priority out of all types.

```
<html>
```

```
<body>
```

```
<p style="color: red;"> Hello </p>
```

```
</body>
```

```
</html>
```

Q2. What is Javascript? Advantages? Difference between Java & Javascript.

- To change the things on page over time, we use scripting languages, which allow content to change dynamically.

- Scripts are programs just like any other programming lang; they can execute on client side or server.

Adv. → Web browser uses its own resources, & eases burden on server.

→ It has fewer features than server side scripting.

→ It saves network bandwidth.

Java	Javascript
→ Static	→ Dynamic
→ class based	→ Prototype based
→ end with semi-colon (;)	→ only certain stmt end with ;
→ block based scoping	→ function-based scoping
→ has an implicit class scope	→ has implicit global scope

Q3. What are javascript dialogue boxes.

→ Dialogue in JS are used to pop-up some messages, accept some values, etc.

(i) Alert box

→ To display alert on webpage with help of alert box
 ⇒ alert ("any msg")

(ii) Prompt

→ To enter value from user, it has 2 buttons; OK & cancel.

⇒ Prompt ("any msg", any default value)

If not given

it will take 0 (zero)

(iii) Confirm.

→ used to verify answer or accept something from user, has 2 buttons OK & cancel.

⇒ Confirm ("any msg")

Q4. Name different JS objects. Write any 2 objects method & properties.

→ Javascript objects

- Booleans
- Numbers
- Strings
- Dates
- Maths
- Regular Expressions
- Arrays
- Functions
- Objects

String

→ Properties:

- values associated with objects

- Eg. of length property of string

```
var mes = "Hello";  
var x = mes.length;
```

→ Methods:

- actions that can be performed

- Eg.

```
var msg = "hello";  
var x = msg.Uppercase();
```

Date

→ to display current date

(year, month, date, hr, min, sec, ms)

→ Methods

getFullYear()

getHours()

getMonth()

getMinutes()

getDate()

getMilliseconds()

getTime()

getDay()