**Html questions**

**1.What is difference between div and span?**

**Ans:** In HTML, the <div> and <span> tags are used for structuring and styling content.

Div:<div> creates block-level containers for grouping elements.

Span:<span> creates inline containers for styling specific portions of text or elements within a block-level container.

Syntax:

<div>

This is div

<span>hi, this is span</span>

</div>

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**2.What are the sementic elements in html?**

**Ans:** A semantic element clearly describes its meaning to both the browser and the developer.

Semantic elements = elements with a meaning.

Non-semantic elements: <div> and <span>

Semantic elements: <form>, <table>,<header>,<footer>,<article>,<nav>,<aside>,<section>,<main> etc.

**3.What is the difference between href attribute and src?**

**Ans:** href Attribute: It is used to specify the URL of the document. It contains the full address of the page that the user request. It is used to link or connect one document to another document.

\*syntax:

<a href=”url”></a>

src attribute :specifies the URL or file path of an external resource, such as an image, video, audio file, or script, to be embedded or referenced within a webpage.

\*syntax:

<img src=”url”>

**4.What is difference between xml and html?**

**Ans:** Xml:XML(Extensible Markup Language) is a versatile markup language designed for carrying and storing data. It allows users to define their custom tags, making it highly flexible.XML is also used to create web pages and web applications. It is dynamic because it is used to transport the data not for displaying the data.

\*Html:HTML (Hyper Text Markup Language) is used to create web pages and web applications. It is a markup language. By HTML we can create our static page. It is used for displaying the data not to transport the data.

HTML is a combination of Hypertext and Markup language. Hypertext defines the link between the web pages.

**5.What are list tags & how many are they?**

**Ans:**HTML lists are used to display related information in an easy-to-read and concise way as lists.

We can use three types of lists:

1.Unordered List <ul>:An unordered list starts with the <ul> tag. Each list item starts with the <li> tag.The list items will be marked with bullets (small black circles) by default.

\*syntax:

<ul>

<li>list1</li>

<li>list2</li>

</ul>

2.Ordered List <ol>:An ordered list starts with the <ol> tag. Each list item starts with the <li> tag.The list items will be marked with numbers by default.

\*syntax:

<ol>

<li>list1</li>

<li>list2</li>

</ol>

3.Description List <dl>:A description list is a list of terms, with a description of each term.

The <dl> tag defines the description list, the <dt> tag defines the term (name), and the <dd> tag describes each term.

\*syntax:

<dl>

<dt>Coffee</dt>

<dd>- black hot drink</dd>

<dt>Milk</dt>

<dd>- white cold drink</dd>

</dl>

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**6.Create a iframe where a single iframe can opens multiple links in it?**

**Ans:**

<iframe src="" name="display"></iframe>

<a href="" target="display">click</a>

<a href="" target="display">click </a>

<a href="" target="display">click</a>

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**7.Create a register form using name,email,age,privacy policies and submit and do validation?**

**Ans:**

<form action="">

<label for="name">Name:</label><br>

<input type="text" id="name" name="name"><br><br>

<label for="email">Email:</label><br>

<input type="email" id="email" name="email"><br><br>

<label for="age">Age:</label><br>

<input type="number" id="age" name="age"><br><br>

<input type="checkbox" id="privacy" name="privacy">

<label for="privacy">I agree to the privacy policies</label><br><br>

<input type="submit" >

</form>

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**Git questions**

**1.What is command for connecting local repo and GitHub repo?**

**Ans:** command: git remote add origin {URL for the remote repository}

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**2.Git command to change the directory of local folder?**

**Ans:** command:cd

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**3.Git command to check the commits on the project?**

**Ans:** command:git log --oneline

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**5.Difference between the pull and push commands in git?**

**Ans:** git pull fetches and merges changes from a remote repository to your local branch while git push uploads your local commits to a remote repository.

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**6.Command to check the no of branches and command to switch the branch?**

**Ans:** command:git branch

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**7.What are the stages of our project to reach to GitHub repo?**

**Ans:** To get a project to a GitHub repository, the typical stages are:

Initialize Git: Create a local Git repository with git init.

Stage Changes: Add files to the staging area using git add.

Commit Changes: Commit the staged changes with git commit -m "your commit message".

Connect to GitHub: Link your local repository to a GitHub repo with git remote add origin <repository\_url>.

Push to GitHub: Upload your commits to GitHub using git push origin main (or the appropriate branch name).

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**8.The commands which we use in staging area?**

**Ans:** git add <file>: Stage a file.

git add .: Stage all changes.

git reset <file>: Unstage a file.

git status: Check the status of the staging area.