Interview Questions and Answers

HTML/CSS

1. What are block elements?

Ans. Block elements are always starts with new line and also these elements have both top and bottom margin.

Some of block elements are: <div>,<li>,<hr> etc.

1. What were the new tags/elements brought in HTML5?

Ans. Some of new tags are:

<nav>-> navigation section

<header>

<footer>

<video>

<section>

1. Have you used PreCSS? What is it?

Ans. PreCSS is a tool that allows you to use SASS(syntactically awesome stylesheet) like markup

in our css.

1. What is the difference between Margin and padding?

Ans. Padding : Space between element and related content. It is use to change the size of element.

Margin : it is space around element, and used to move an element up and down

On a page as well as right and left.

1. Is padding included in the element?

Ans. yes

1. What types of selectors are used in CSS?

Ans. Types of selectors used in CSS:-

1. Simple Selector – (id, name)
2. Combinator Selector
3. Pseudo-class selector (based on class name)
4. Pseudo-element selector (based on element name)
5. Attribute selector (based on attribute value)
6. What are the available values for property "position"? What happens when you use each value?

Ans. There are 5 values for Position:

1. Static – It is positioned according to the flow of page.
2. Relative – It is positioned relative to the normal position.
3. Fixed-Top, bottom, right , left properties are used to position the element. Element always stays in same place even if the page is scrolled.
4. Absolute- Element positioned relative to the nearest positioned ancestor.
5. Sticky -Element positioned based on the user’s scroll.
6. How can I show two div tag elements side by side?

Ans. We use ‘Flex’ to show two div tag elements side by side.

Or by using ‘Float and Margin’.

1. Explain the term responsive web design?

Ans. A approach that creates dynamic changes to the appearance of a website, depending on

Screen size and orientation of device being used.

1. What is CSS flexbox?

Ans Makes it easier to design flexible responsive layout without using float and positioning.

But before using we need to define flex-container.

1. What is CSS opacity?

Ans. This property defines opacity level of our image or we can say that transparency level.

If opacity:1 then its not transparent.

1. When click on button u need to scroll to the particular div using HTML?

Ans. By using href attribute in anchor tag we can scroll the page.

1. What is specificity in CSS ?

Ans. In this browser will decide which property is more relevant to an element.

1. What is Flex Box?

Ans. It makes simple to align items vertically and horizontally using rows and columns.

JavaScript

1. **Difference between null and undefined?**

**Ans.** Undefined – variable has been declared but value not assigned.

Null – It is assigned value , which means nothing.

1. **What are Promises?**

**Ans.** JS promise contains both the producing code and calls the consuming code.

Here, Producing code means code that can take some time.

Consuming code means that must wait for result.

1. **What is Async await?**

**Ans.** They make promises easier to write. Async makes a function return a promise.

Await makes a function wait for a promise.

1. **JavaScript is single threaded or multiple threaded and asynchronous or synchronous?**

**Ans.** JS is single threaded language and also synchronous in nature. It can be really easy to

Implement as we don’t have to deal with complicated scenarios like deadlock which is

Arise in multithreaded. Single threaded means that one command executed at a time.

1. **How to Center the div tag on DOM?**

**Ans.** document.getElementById('first').align = center

1. **What are callback functions?**

**Ans.** It is function passed as an argument to another function.