**NAME : SWATHI R**

**ID : CAPG48LSRB341**

**ASSIGNMENTS (8TH APRIL)**

1.**Where to use # in css?**

* # is an [id selector](http://css.maxdesign.com.au/selectutorial/selectors_id.htm), used to target a single specific element with a unique id
* #foo {} will style the *single* element declared with an attribute id="foo".

2. **Inline css or external file . which one is good?**

* External is easiest, in general. But the reason there are three locations is because they vary in scope:
* External: Can apply to multiple elements in multiple pages.
* Internal: Can apply to multiple elements on a single page.
* Inline: Typically used to apply styling to a single element on a single page.

3.**How can you make your page responsive?**

* Responsive web design is about creating web pages that look good on all devices!
* A responsive web design will automatically adjust for different screen sizes and viewports.

STEPS ARE:

1. Set Appropriate Responsive Breakpoints.
2. Start with a Fluid Grid.
3. Take touchscreens into consideration.
4. Use Responsive Images and Videos.
5. Define Typography.
6. Use a pre-designed theme or layout to save time.
7. Test Responsiveness on Real Devices.

4. **What is JSON?**

JavaScript Object Notation (JSON) is **a standard text-based format for representing structured data based on JavaScript object syntax**. It is commonly used for transmitting data in web applications (e.g., sending some data from the server to the client, so it can be displayed on a web page, or vice versa).

5.**What is SOAP?**

SOAP is defined in Wikipedia as **an XML based data exchange protocol often used to transfer messages over HTTPS**. The SOAP protocol is a key component in Web services, implementing the messaging layer of Web services to provide data access and remote procedure calls (RPC).

## 6. What is Node.js?

Node.js is a server-side platform built on Google Chrome's JavaScript Engine.

Node.js is a platform built on [Chrome's JavaScript runtime](https://code.google.com/p/v8/) for easily building fast and scalable network applications. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

**7.What are cookies in backend?**

Cookies are **tiny pieces of data that the backend can store in the user's browsers**. User tracking, personalization, and most important, authentication, are the most common use cases for cookies. Cookies have a lot of privacy concerns, and have been subject to strict regulation over the years.

**8.What is button and button elevation?**

\*) Button is an interactive element activated by a user with a mouse, keyboard, finger, voice command, or other assistive technology.

An elevated button is a label child displayed on a Material widget whose Material. Elevation increases when the button is pressed.

**9. Difference b/w button and button groups?**

**\*** The difference is that in button, only one button will be present whereas in button group multiple buttons are presented as a group.

**10. What is burger button?**

**\*** The hamburger button, so named for its unintentional resemblance to a hamburger, is a button typically placed in a top corner of a graphical user interface.



**11. What is NoSQL?**

**\***A NoSQL database provides a mechanism for storage and retrieval of data that is modeled in means other than the tabular relations used in relational databases.