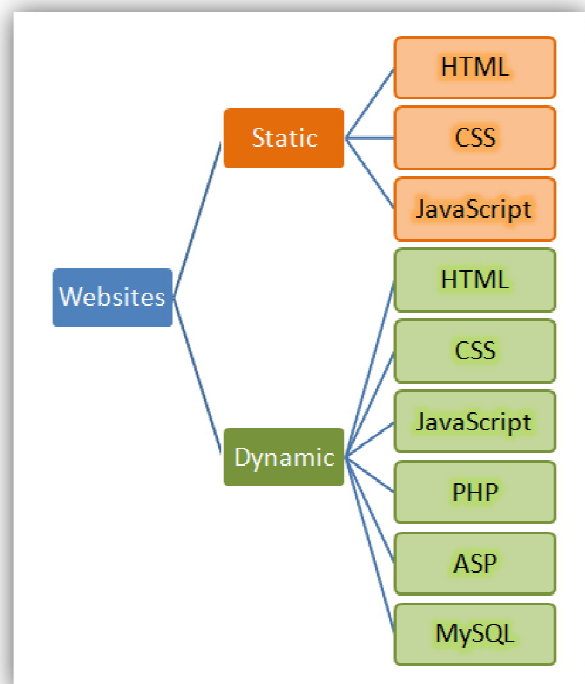**Types of websites:** Though there is a lot of basis upon which websites can be classified but the one that is most authentic is the scripting that is done in the code. Depending upon this, websites are of following two types:

1. Static websites
2. Dynamic websites

Static websites: Static websites are ones that are fixed and display the same content for every user, usually written exclusively in HTML. In contrast, these websites only have client-side. There is nothing like server side in the website and hence these websites are quite simple to create, and very easy to get loaded in the browser. Following are the properties of a Static website:

- Written in HTML, CSS and JavaScript.
- Very easy to code and create.
- Extremely difficult to edit or update since every page in the website needs manual update in the code.
- There are not much controls or events (like log-in, database connectivity, different user rights etc.) in the website.

Dynamic website: A dynamic website is the one that can display different content to different users and provide user interaction, by making use of advanced programming and databases in addition to HTML.

These websites have both- the client side and a server side. The content that comes to the client side depends upon how intricately the programs are running on the server side. These websites are difficult to create and usually heavy to load in the browser. Following are the properties of a Static website:

- Written ultimately in HTML, CSS and JavaScript but many other programming and scripting languages like PHP, ASP, Python, Ruby and Pearl etc.
- Very complex to code and create.
- Very easy to edit or update since small changes in the codes reflect bigger updates on many pages.
- Many controls and events are there in the website like log-in, different dashboards, complex navigation and database operations etc.

Exercise:

1. In short, differentiate between static and dynamic websites?
2. What are different languages used for developing websites of both types?