Introduction to web development

1) The HTML language is to make structure of the website. For example in human body the skeleton is the basic structure this is similar to HTML. The muscles, hair and clothes style the human similarily CSS adds styling to the website. The human body brain provides logic and make decisions and stores data in the neurons. Here Java Script helps to make decisions and provide logic to the website. But here is a catch it doesn't store any kind of information. So for storing data a database is used.2) For interaction between Frontend(HTML,CSS,Java Script) and Backend(mysql, nosql) server side language is required like python, JavaScript, PHP... etc 3)The frontend we make with the help of HTML, CSS, JS are present in your own system. It is not possible for accessing your website by other people. To make your website available for all people worldwide. You need to host your HTML,CSS,JS files in your system to a server. 4)As every person has there own unique address your website should consist of a name with some worldwide famous extensions such as .com,.in ... etc 5)When you use chrome you enter the URL(Unique Resource Location) it is similar to address of a house which is unique for every house. In the same manner URL is unique to different available websites 6) URL are of two types absolute and relative. Absolute is the one where we write the address from scratch. i.e., suppose you are at naimnagar and your friend is at fathimanagar. Now you need to tell the address--> If it is absolute you will say the address as near President's Dhaba colony. If it is relative we write address of the file from our current location. In the above example relative --> you will say address as Flat no. 105 Kalleda Apartments Naimagar. 7)According to the user point of view web development can be understood as follows ---> a) User sends a request to the server by typing some url in the search bar let's say a www.youtube.com b) The server accepts the request from the user and verifies the url and extracts the IP address of the specified url c) Now the server would request the database through queries to extract the information related to the IP addressed specified by the server. d) The database extracts the relevent information and sends the data in the query format to the server. After that the server sends the information to the client in the form of HTML, CSS and JS so that user can have a better interface.8) The topics discussed in this class are: i) Introduction of HTML, CSS, JS, Server side language, server and database ii) How web works in reality ? iii) What is the purpose of URL and it's types