

Main Topic	Sub Topics	Home Work
HTML & CSS	What are websites? What is hosting? What is domain? What is server? What is a website layout? html, head, body, footer, div, p, span, table, h1..., img, CSS, class, id, style, margin, padding, height, width, color, background-color, border	Build your website in your notes with concepts learnt today
Bootstrap	What is Responsive design? What is bootstrap? Container, Row, Col, table, button, modal, navbar,	use Bootstrap to style all previous examples
php	What is server and client programs? Why is a server program required? Background about PHP. Linux and Windows server. Variables (int, varchar, decimal), echo, conditional statements, loops,	Create the entire website on server as a string and echo it.
php	Form Inputs and type: hidden, password, file, select, radio, checkbox. What is Objects? What is OOP? public static function; return; :: ; Sessions; Cookies;	Create a page with form to accept name, age, gender (radio), languages known (checkbox), city (dropdown) and display on another page by dividing age by 3 in an Object and all other details as it is
MySQL	What is database? What is MySQL database? Tables and columns. ID of a table. Datatypes: int, deciman, varchar, text. Concept of Relational database.	store all previous class details in table with languages known in a relational sub table
jQuery & Ajax	What is client side programming? What is Javascript? What is jQuery? document ready. on, event listeners, click, keyup, selector - id, class, variable - var, type casting (int), autocomplete, Ajax; json	create a page which searches names with autocomplete, and loads all value when selected
jQuery Plugins	What are plugins?	
Wordpress	What is Content Management System? What is Wordpress? What is blog? What is page? What is navigation? What are themes? What are plugins?	
jQuery Mobile	What is jQuery Mobile? page, navigation	
Concepts	Business Analyst? Design Thinking? Agile Programming?	