

Web Programming Sessional-II Course

Here is the content for the Sessional-II:

JQuery

- Introduction to jQuery
- jQuery Syntax
- jQuery Selectors
- jQuery Events
- jQuery Effects
- jQuery HTML/CSS
- jQuery Traversing

AJAX

- AJAX intro
- XMLHTTP
- AJAX Request
- AJAX Response
- AJAX XML File
- AJAX Applications

JSON

- Intro
- Syntax
- JSON VS XML
- Data types
- JSON Parse
- JSON stringify
- JSON Objects
- JSON Arrays
- JSON HTML

API

- What is Web API
- Validation API**
- History API**
- Storage API**
- Web worker API**
- Web fetch API**
- How to access API from Postman using methods GET, POST, PUT, PATCH, and Delete

Node.JS

- What is Node.js
- Node.js architecture
- Built-in vs user-defined modules
- URL module

Node.js NPM

- File System (FS) in node.js
- creating a server on node.js (custom backend/server/routing page)
- Node.js Upload files
- Node.js Email

Express JS

- What is the Express.js Framework?
- Express JS Server (custom backend/server/routing page)
- MVC architecture
- Routing and nested routing
- Middleware's**
- Import and export modules**

Note: *topics having red text color are yet to be covered in this week.*