***Node.js***

***Day-4:***

1. What is Express?

* Express is a minimal and flexible Node.js web application framework that provides a robust set of features for web and mobile applications.
* Easy and flexible routing system
* Integrates with many templating engines
* Contains a middleware framework

1. HTTP Methods:

* GET
* POST
* DELETE
* PUT

**🡺Responding to Requests:**

* GET - ***app.get (‘route', fn)***
* POST- ***app.post (‘route ', fn)***
* DELETE - ***app.delete ('route’, fn)***

1. What are Route Parameters in Express?

* In Express, **route parameters** are essentially variables derived from named sections of the URL. Express captures the value in the named section and stores it in the **req.params** property.

1. What is a template engine?

* Template engine helps to create an HTML template with minimal code.
* At runtime, the template engine replaces all the variables with actual values at the client-side.

1. What is EJS (Embedded JavaScript)?

* It is a simple templating language/engine that lets its user generate HTML with plain JavaScript.
* EJS is mostly useful whenever you have to output HTML with a lot of JavaScript.

1. What is Middleware in Express?

* Middleware is a function that Express passes requests through before sending them to our routing functions, such as our **app.get('/')** route.
* **express.static()** finds and returns the static files requested.

1. What is Query String?

* The query string is the part that comes after the URL path and starts with a question mark ('**?**').
* It Parse the request and pull out the data.
* **For Example:**
  + mysite.com/blog/news?page=2.
  + Multiple query parameters can be added using “**&”.**
  + mysite.com/contact?person=shubh&dept=IT.

1. What is Post in Express?

* **POST** is a request method
* **POST** requests, ask the server to accept/store data which is enclosed in the body of the request.
* Often used when submitting forms.

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