24/06/2025

Tuesday

**Annotations in JAVA**

Controller:

1. @RestController
2. @RequestMapping
3. @CrossOrigin
4. @Autowired
5. @RequestBody
6. @PostMapping
7. @GetMapping
8. @PutMapping
9. @PatchMapping

Entity file:

1. @Entity
2. @Table
3. @Id
4. @GeneratedValue
5. @Data
   1. Default constructor
   2. Parameterized Constructor
   3. Getter method
   4. Setter method

Service:

1. @Service :- Service layer @Component
2. @Autowired:- dependency injection
3. @Override:- Method Overriding

**ReactJS:**

* Javascript Library ,used for building UI
* Created by facebook
* Used for building Single Page Application(SPA)
* Companies that Use REACTJS: Facebook, Instagram, Whatsapp, Paypal,Netflix, Uber,shopify

Getting Strated:

* We need node environmenet to run react project
* To check node version
  + node -v
* to create a react application
  + npm create vite@latest
* enter project name (myApp)
* select React framework (use down arrow)
* select variant Javascript
* run the following commands:
  + cd myApp
  + npm install
  + npm run dev

Components in react js

* components are like building blocks of reactjs
* they are saved with .jsx extension
* in the component file we use export statement at last and we import the component in another file using import keyword

Props

* props stands for Properties
* props are used to pass arguments from parent component to child component