

Rest Webservices

- 1. Softwares Setup (JDK15, Winrar, editplus and Eclipse)
- 2. SpringBoot First Application
- 3. Rest Webservices return types
- 4. Rest Webservices Input (PathVariable)
- 5. Rest Webservices Input (RequestBody)
- 6. Rest Webservices Input (RequestParam)
- 7. GET mapping in detail
- 8. Image file upload
- 9. Diff file uploads
- 10. File upload along with JSON object
- 11. Multiple Files and Multiple JSON objects
- 12. Excel File upload and processing with POI
- 13. text file upload and inserting into db
- 14. Excel file upload and inserting into db



- 15. ResponseEntity body and status code
- 16. ResponseEntity body, headers and status code
- 17. ResponseEntity File Download
- Mail Sending setup and sending text mail
- 19. mail with HTML body
- 20. mail with attachment
- 21. mail with programmatic configuration(sending from a specific mail account)
- 22. email id verification

Spring Boot

- Softwares Setup (JDK15, Winrar, editplus and Eclipse)
- 2. SpringBoot first app
- 3. SpringBoot 2nd app



- 4. Spring Boot Auto Configuration
- 5. Spring Boot Dev Tools
- 6. Spring Boot Command Line Arguments
- 7. Spring Boot Exception handling
- 8. Spring Boot JAR Development
- 9. Spring Boot WAR Development

Spring Security

- 1. Security Setup
- 2. Inmemory Credentials and Password encoding
- 3. Reading Credentials from DB
- 4. Authorization Bsics
- 5. Authorization Patterns
- 6. Tesing Authentication through ARC
- 7. Setting up Angular
- 8. Tesing Authorization through Angular
- 9. Interception Filters
- 10. Guard Services



11. JWT implementation in Spring Boot app and calling from Angular app

Angular

- 1. Installations
- 2. Un Installations
- 3. Creating a project and understanding default code
- 4. Creating a component
- 5. Creating a component with different options
- 6. Creating a component without ng command
- 7. typescript datatypes and fields declaration
- 8. typescript methods declaration
- 9. typescript methods body development
- 10. access specifiers and constructor
- 11. bindings
- 12. directives
- 13. template variable
- 14. template driven forms
- 15. reactive forms
- 16. http client
- 17. routing



- 18. modular development
- 19. tyscript compiler
- 20. type assertion
- 21. arrow functions
- 22. directives
- 23. http with template variables
- 24. one-to-one mapping
- 25. one-to-many create and read-all
- 26. one-to-many read, update and delete
- 27. managing checkbox
- 28. many-to-many CRUD