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1  DEMOS : Try out the Course-api/AOP/course-api-jdbc Demos
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4
5  Ex-1.
6  - Create a RESTful CRUD Application for
7  - Product (id->int,name->string,description->string)
8  - Create the model/services/controllers as discussed during theory sessions
9  - Simulate CRUD Operations on the List of Products.
10 -----
11 Ex-2.
12 - Enable the Logging support for the Service in Application done in Ex-1.
13 - The logging Should be done before and after any of the method from service is
    invoked.
14 - Modify the Application from Ex-1. wherever necessary
15 - Make use of AOP module appropriately
16 -----
17 Ex-3.
18 - Create a RESTful CRUD Application for
19 - Employee (id->int,name->string,designation->string)
20 - Project (id->int,name->string,duration->int, members->List<Employee>)
21 - Create the model/daos/services/controllers as discussed during theory sessions
    (USE Spring JdbcTemplate)
22 - Auto create the schema and sample data
23 -----
24
25 DEMOS : Try out the TestRestTemplate/UserInfo-api-jpa-hibernate Demos
26
27 -----
28 Ex-4
29 - Modify the Ex-3 to accomodate the RestTemplate as Restful Client
30 - Implement getForObject/getForEntity/postForObject methods
31 - (Self Study) Implement the update and delete operation using RestTemplate
32 -----
33 Ex-5.
34 - Create a RESTful CRUD Application for
35 - Customer (id->int,name->string,ssn->string,city->string)
36 - Create the model/daos/services/controllers as discussed during theory sessions
37 - Use the Hibernate ORM for the DB Operations
38 - (Self Study) Implement the CRUD functionality also using HQL queries
39 -----
40
41 DEMOS : Try out the UserInfo-api-jpa-hibernate/EmpCrudService Demos
42
43 Ex-6
44 - Create a Hibernate CRUD Application for following
45 - Customer (id:int, name:string,age:int, shopCart:Cart)
46 - Cart (cartId:int products:List<Product>)
47 - Product (productId:int productName:String, productCatrgory:String, qtyPurchased)
48 - Associations - 1-1 : Customer, Cart 1-n : Cart, Products
49                  (1 cart belongs to 1 customer, 1 Cart has many Products)
50 -----
51 Ex-7
52 - Create a RESTful CRUD Application using CrudRepository for
53 - Person(id->int auto generated, Country->String, age->int, bloodGroup->String)
54 - Create the model/daos/services/controllers as discussed during theory
    sessions
55 - Create the Exceptions Support for the CRUD Operations as necessary as discussed
    during theory sessions
56 -----
57
58 DEMOS : Try out the
    EmpCrudService/SpringSecurityBasicInMemory/SpringSevurityBasicJdbc Demos
59
60 Ex-8
61 - Add the functionality to retieve all the person records form DB in descending
    order of age to the Ex-7 application
62 - Enable The Actuator Endpoints for the Application Ex-7
63 - Create the swagger2 documentation for the Webservice created in Ex-7
64 - Create a Java based RestClient using RestTemplate for the CRUD functionality
65 - Ensure that the actuator endpoints are available to Role Admin should be able to
    acces all rest endpoints (Ones u created + actuator endpoints) and
66   Role user can access only ur created endpoints and not actuator endpoints.

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