

## **WEB PROGRAMMING & DEVELOPMENT**

### **QUESTIONS**

- 1) Create a JDBC application which connects with an MS Access database and perform Create and Update Operations on Employee Table.
- 2) Create a JDBC application which connects with an MS Access database and perform Delete and Select Query Operations on Employee Table
- 3) Create a JDBC application which connects with an Mysql database and perform Create and Update Query Operations on Employee Table.
- 4) Create a JDBC application which connects with an Mysql database and perform Delete and Select Query Operations on Employee Table.
- 5) Create a JDBC application and insert the records into Mysql Student Table By using the Prepared Statement interface.
- 6) Create a Login Web Application which interacts with an mysql database and validates Login credentials of the user.
- 7) Create a Registration Web Application which interacts with Mysql database and Save them into the Database.
- 8) Create a Web application in which user enters an Employee Number and fetch the Employee Information and print it on New servlet Page.
- 9) Create a Web Application that provides a web program to an end User and he should be able to get the his details in the form when he Entered the Employee Number and also provide the update button control on the form to update the Employee information in the database.
- 10) Create a Web application in which user enter the details of the Book are isbn, book name, book cost in the web form insert those Details as a new record in the database using servlets.  
Use MYSQL DataBase.
- 11) Create a Web application that Displays a web form for the end user in Which end user enters the salary range . server should sent to the Employee details whose salary are beyond the range.
- 12) Create a web application for the Login and Logout Form using Servlets and cookies where cookies stores the user information In the web browser. ( Use Persistent Cookie )
- 13) Create a web application in which, a web form allows the end user To perform online transfer of funds from savings account to the Current account and it will update in the database also.  
Use MYSQL DataBase, init Param Tag, and ServletConfig Interface.

- 14) Create a Web Application Which Shows the product code and product quantity on User side of an web page and create a session in which session holds the product Code and quantity of that product and Provide Add item, Remove item, show item , logout Buttons on Display Form.
- 15) Create a Class Customer with four fields cno, cname, cmail and caddress. Use parameterised constructor to set the values and write the getters to retrieve the data. Override the toString( ) method too. Create another Customer Controller to return list of all objects as an array (the end point is /customers). Test the classes using Spring Boot. (Use Apache Tomcat Server).
- 16) Create a Class Customer with four fields cno, cname, cmail and caddress. Create a constructor, setters and getters. Create a Customer Service class to insert the Customer details into the in-memory database and retrieve Customer information. Test the application as a Spring Boot Application. (Use H2 as In-Memory Database).
- 17) Implement Any Simple @Bean Annotation Program in Spring Boot Application.
- 18) Implement @Autowired Annotation Constructor Injection Program in Spring Boot Application.
- 19) Implement @Autowired Annotation Setter Injection Program in Spring Boot Application.
- 20) Implement @Autowired Annotation Field Injection Program in Spring Boot Application.
- 21) Implement the Simple @Qualifier Annotation Program in Spring Boot Application.
- 22) Implement the Simple @Primary Annotation Program in Spring Boot Application.