

#### <u>SQL</u>

- 1. Oracle 11g Installation
- 2. SQL Developer installation
- 3. Oracle 11g un installation
- 4. DDL and DML
- 5. DQL
- 6. NOT NULL, UNIQUE AND PRIMARY
- 7. FOREIGN KEY
- 8. ONE-TO-ONE
- 9. ONE-TO-MANY
- 10. MANY-TO-MANY
- 11. DATE AND TIMESTAMP
- 12. DESIGNING EMPLOYEE DATABASE
- 13. 1NF, 2NF and 3NF
- 14. Designing Car database

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- 1. Setup
- 2. First Program



- 3. Various ways of insert
- 4. Fetching
- 5. try, catch and finally
- 6. External properties file
- 7. Util dev and Tx management
- 8. Prepared Statement
- 9. Callable Statement
- 10. Eclipse usage, Scrollable and Updatable
- 11. batch updates
- 12. BLOB datatype
- 13. Metadatas
- 14. Reading DB keys
- 15. savepoint
- 16. rowid
- 17. POI setup
- 18. Storing masterdata in db
- 19. CRUD operations

### **Spring Data JPA**

- 1. Setup
- 2. Save operation



- 3. Save All operation
- 4. PUT and PATCH operations
- 5. READ and DELETE operations
- 6. All Methods Of CRUD Repository
- 7. Generators
- 8. For Unique Columns
- 9. For NON Unique Columns
- 10. Where clause with Boolean LIKE
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- 12. Where clause with Boolean OR
- 13. Table, Column, Not-NULL and Unique
- 14. Where clause with Greater Than (>) and Less Than (<)
- 15. Reading Single Column
- 16. Reading Multiple Columns
- 17. DTO Development
- 18. DTO Single Join
- 19. DTO Multiple Join
- 20. one-to-one uni directional
- 21. one-to-one bi directional
- 22. one-to-one sharing key (MapsId)



- 23. one-to-many uni directional
- 24. one-to-many bi directional
- 25. many-to-many

