=> In Last session we had Doubts Clarification for Module-1

=> In Today Session we are starting Module-2 in our Course

Spring Data JPA

=> Spring Data JPA is used to implement persistence layer in our application

=> Spring Data JPA provided repositories to perform DB operations

=> Spring Data JPA Repositories provided methods to perform CRUD Operations
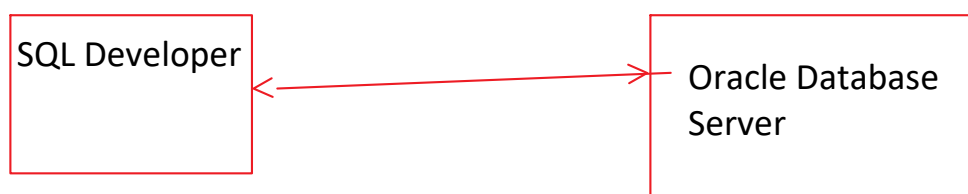
=> When we are working with Data JPA we don't need to write the logic for CRUD operations because JPA Repositories will take care of that.

Note: We just need to call the methods provided by Data JPA repositories to perform CRUD operations.

Environment Setup
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 1) Download and Install Oracle Database / MySQL Database

Note: If you are using oracle database then download SQL Developer also which will act as Oracle Database Client Software.

Entity Class : The java class which is mapped with Database table is called as Entity class.

                    Class name ------------------> table_name
                    Class variables ------------> table columns

Repository : It is an interface which is providing methods to perform DB operations

Save( ), delete ( ) , findAll ( ) etc…

Data Source : It represents database connection properties (db url, db uname, db pwd, db driver cls)
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Developing First Application Using Spring Data JPA
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1) Create Spring Starter Application with below dependencies
       a) spring-boot-starter-data-jpa
       b) JDBC Driver

  Note: Driver we need to select based on database we are using

		Oracle Database ===> Oracle Driver
		MySQL Database ===> MySQL Driver

2) Create Entity Class For DB Table Mapping

3) Create Repository Interface to perform DB Operations

4) Configure Data Source Properties in application.properties file

5) Call repository methods to test application functionality