**Spring Project**

Create spring starter project

**Dependencies:-** spring web , postgres driver , spring data jpa

# ===============================

# = **DATA SOURCE**

# ===============================

**# Set here configurations for the database connection**

spring.datasource.url=jdbc:postgresql://localhost:5432/springbootdb

spring.datasource.username=postgres

spring.datasource.password=postgres@123

spring.datasource.driver-class-name=org.postgresql.Driver

# Keep the connection alive if idle for a long time (needed in production)

spring.datasource.testWhileIdle=true

spring.datasource.validationQuery=SELECT 1

# ===============================

**# = JPA / HIBERNATE**

# ===============================

# Show or not log for each sql query

spring.jpa.show-sql=true

# Hibernate ddl auto (create, create-drop, update): with "create-drop" the database

# schema will be automatically created afresh for every start of application

spring.jpa.hibernate.ddl-auto=create-drop

# Naming strategy

spring.jpa.hibernate.naming.implicit-strategy=org.hibernate.boot.model.naming.ImplicitNamingStrategyLegacyHbmImpl

spring.jpa.hibernate.naming.physical-strategy=org.springframework.boot.orm.jpa.hibernate.SpringPhysicalNamingStrategy

# Allows Hibernate to generate SQL optimized for a particular DBMS

spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.PostgreSQLDialect

-------------------------error-------------------------

Failed to configure a DataSource: 'url' attribute is not specified and no embedded datasource could be configured. Reason: Failed to determine a suitable driver class

@SpringBootApplication(exclude = {DataSourceAutoConfiguration.class })

-------------------------error-------------------------

**Jacoco report coverage configuration**

<**build**>

        <**plugins**>

            <**plugin**>

                <**groupId**>org.jacoco</**groupId**>

                <**artifactId**>jacoco-maven-plugin</**artifactId**>

                <**version**>0.8.5</**version**>

                <**executions**>

                    <**execution**>

                        <**goals**>

                            <**goal**>prepare-agent</**goal**>

                        </**goals**>

                    </**execution**>

                    <!-- attached to Maven test phase -->

                    <**execution**>

                        <**id**>report</**id**>

                        <**phase**>test</**phase**>

                        <**goals**>

                            <**goal**>report</**goal**>

                        </**goals**>

                    </**execution**>

                </**executions**>

            </**plugin**>

        </**plugins**>

</**build**>