

Spring JDBC (JdbcTemplate class)


Step ①

on pgAdmin4 (Run as Administrator)

create table.

②

On eclipse IDE.
create project.

File → New →  Other → spring legacy
Project → Give the project name → select
Simple Java → finish.

③

Add Spring JAR & postgres JAR
Right click on project → Build path → Configure
buildpath → Libraries → select classpath →
Add external JARS → Spring-5.2.8RELEASE →
open libs → select all JAR → open → click on
App → Apply & close.

Right click on project → Build path → Configure
build path → Libraries → select classpath →
Add external JARS → select postgresql-42.2.19
JAR file → open → click on apply → Apply & close.

④ Create Bean class.

Right click on project → New → class →
Give package name → Give class name →
finish.

- mention fields within class... that should be same as table field.
- Generate getter setter.

⑤ Create Dao class.

Right click on project → New → class → Give the class name (Don't choose main method) → finish.

⑥ Create Configuration file.

Right click on project → New → other → Spring → spring Bean Configuration file → Next → Expand project → select src folder (Don't expand it / open it). → Give the file name → finish.

⑦ Create Test class.

Right click on project → New → class → Give the class name → choose main method → finish.

Follow same steps. for
spring JDBC (ResultSetExtractor).

Spring JDBC (RowMapper Interface).

Step ① Start pgAdmin → Run as Administrator.
create table.

② On eclipse IDE.
Create Project.

File → New → other → spring → Spring legacy project
→ Give the project name → select simple Java
→ ~~finish~~ finish.

③ Add Spring JAR & postgres JAR.

Right click on project → Buildpath → Configure build path
→ Libraries → select classpath → Add external JARs
→ spring 5.2.8 RELEASE → open libs → select all JAR
→ open → click on Apply → Apply & close.

Right click on project → Build path → configure build
path → Libraries → select classpath → Add external
JARs → select postgresql-42.2.19 JAR file → open
→ click on apply → Apply & close.

④ Create Bean class

Right click on project → New → class → Give package
name → Give class name → finish.

- mention fields within class... that should be
same as table field.

- Generate getter setter.

⑤ Create RowMapper class.

Right click on project → New → class → Give the class name → click on Add → choose interfaces: enter ... RowMapper → select spring RowMapper → click on Add → OK → Finish

⑥ Create Dao class

Right click on project → New → class → Give the class name → Finish.

⑦ Create Configuration File.

Right click on project → New → other → spring → Spring Bean Configuration File → Next → Expand project → Select Src folder (Don't expand it) open it) → Give the file name → Finish.

⑧ Create Test class.

Right click on project → New → class → Give the class name → choose main method → Finish.