# Report

# Shangyu YANG 63932

### Github:

https://github.com/Apricity123456/DatabaseLabs-Isep

# LAB1:

Exercise 1 and 2 have already done in the class, so I have uploaded the sql file to Github.

# **Exercise 3:**

```
Query Query History

1 CREATE TABLE project (
projno INT PRIMARY KEY,
pname VARCHAR(50),
4 startdate DATE,
budget DECIMAL(10, 2)

6 );

7 8

Data Output Messages Notifications

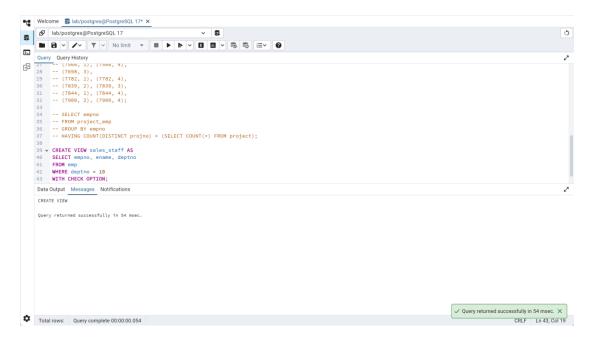
CREATE TABLE

Query returned successfully in 68 msec.
```

```
Welcome $\frac{1}{2}$ lab/postgres@PostgreSQL 17* $\frac{1}{2}$$

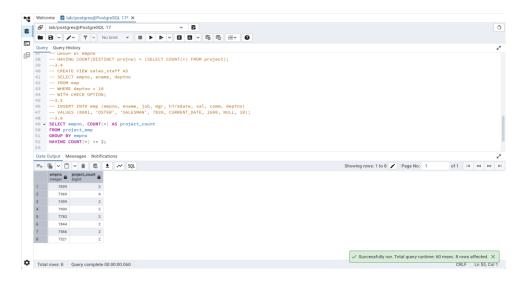
| S | lab/postgress@PostgreSQL 17* $\frac{1}{2}$$

| S | lab/postgress |
```



```
Welcome Stab/postgres@PostgresQU.17 X

| Itab/postgres@PostgresQU.17 | V | Itab/postgresQU.17 | Itab/post
```



#### 3.7.1

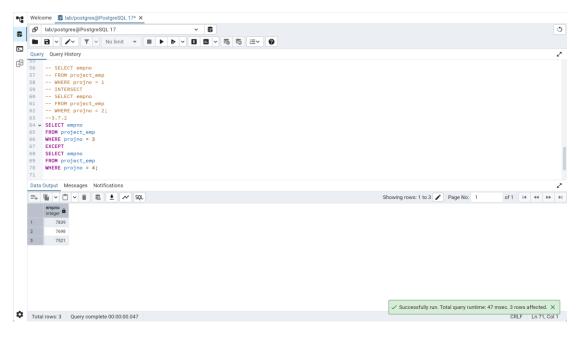
```
Welcome Stab/postgres@PostgresQL177 

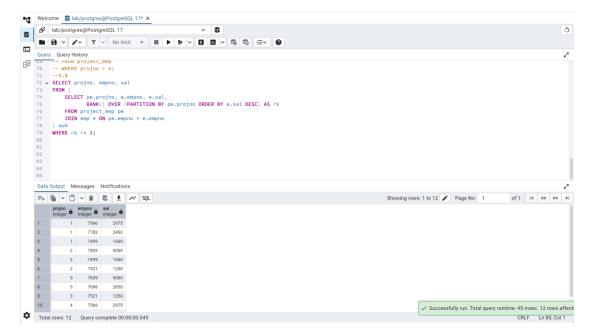
Welcome Stab/postgres@PostgresQL177 

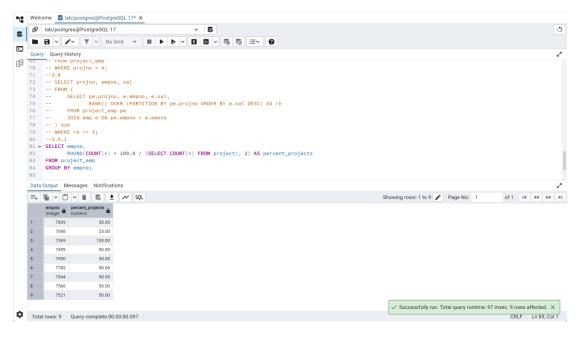
Welcome Stab/postgres@PostgresQL177 

Welcome Stable Stable
```

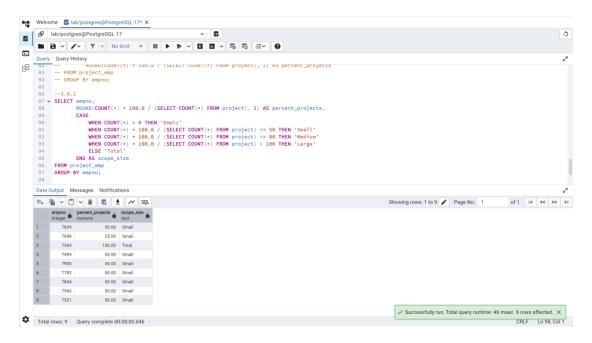
3.7.2



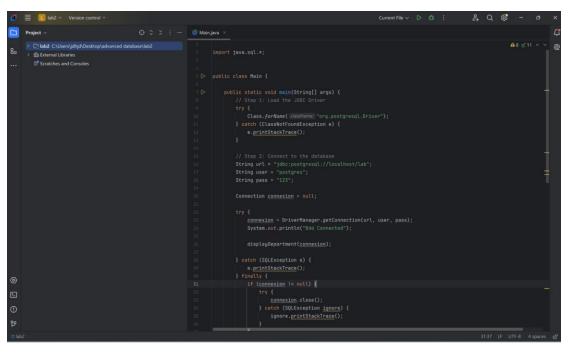


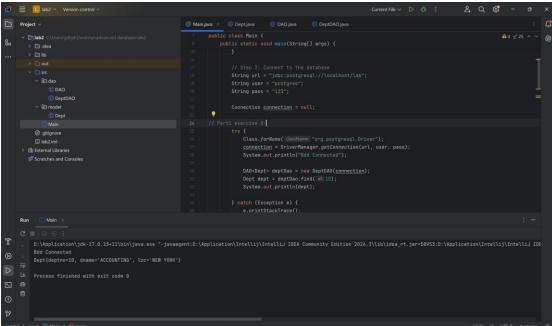


#### 3.9.2

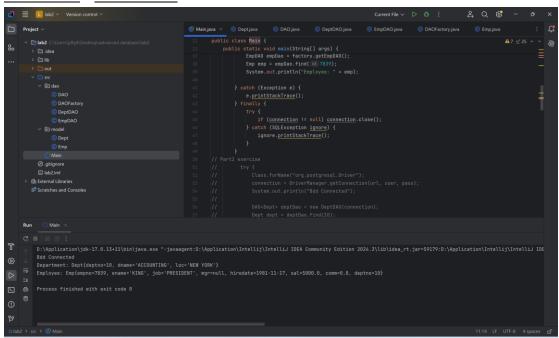


Lab2 this part has already done in the class. I will upload it to github.

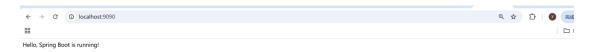




#### Exercise III.1 & Exercise III.2

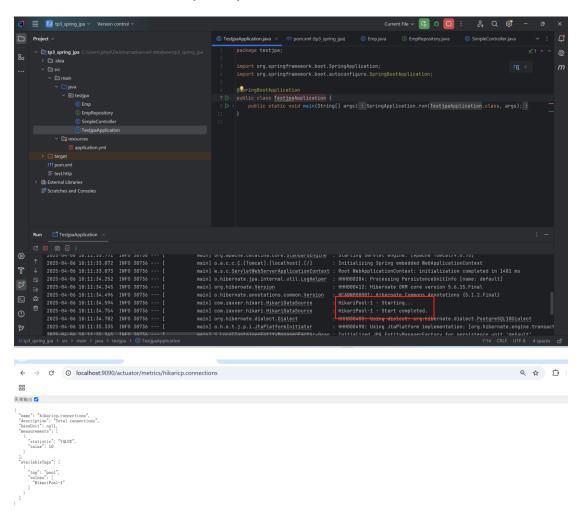


#### Exercise III.3



# Part4 Exercise III.5

#### Part IV: Connections Pool (Bonus)



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"empno": 7369,
"ename"; "SMITH"
"job": CLEEK",
"mgr": 7902.
"lireotate": 1980-12-16723:00:00.000+00:00",
"comm": 0,
"deptno": 20

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"mgr": 7498,
"mgr": 7498,
"mgr": 7498,
"mgr": 7581,
"mgr": 7588,
"hireotate": 1981-02-19723:00:00.000+00:00",
"comm: 300,
"deptno": 300,
"deptno": 300,
"deptno": 301,
"mgr": 7521,
"ename": "MABD",
"mgr": 7521,
"ename": "MABD",
"mgr": 7598,
"mgr"
```