

云计算实验五报告

作业 1：

```
Installed:
  postgresql.x86_64 0:9.2.24-4.el7_8

Dependency Updated:
  postgresql-libs.x86_64 0:9.2.24-4.el7_8

Complete!
[root@10-23-45-25 ~]# psql -h 10.23.122.0 -U admin -d dev -p 5432
Password for user admin:
psql (9.2.24, server 9.4.24)
WARNING: psql version 9.2, server version 9.4.
        Some psql features might not work.
Type "help" for help.

dev=#
```

作业 2：

```
dev=# INSERT INTO regression VALUES
dev=#      (1, 5, 2, 3),
dev=#      (2, 10, 7, 2),
dev=#      (3, 6, 4, 1),
dev=#      (4, 8, 3, 4);
INSERT 0 4
dev=# SELECT * FROM regression;
 id | y  | x1 | x2
----+---+----+----
  3 | 6  |  4 |  1
  4 | 8  |  3 |  4
  1 | 5  |  2 |  3
  2 | 10 |  7 |  2
(4 rows)

dev=# \q
[root@10-23-45-25 ~]#
```

作业 3：

```
[root@10-23-45-25 ~]# vim createTable.py
[root@10-23-45-25 ~]# python3 createTable.py
[root@10-23-45-25 ~]# vim insertTable.py
[root@10-23-45-25 ~]# python3 insertTable.py
[root@10-23-45-25 ~]# vim selectTable.py
[root@10-23-45-25 ~]# python3 selectTable.py
ID      NAME      ADDRESS      SALARY
1       Paul      California   20000.0
2       Allen     Texas        15000.0
3       Eric      Florida      25000.0
[root@10-23-45-25 ~]#
```

作业 4 :

```
dev=# \x
Expanded display is off.
dev=# SELECT regression.*,
dev=#         madlib.linregr_predict ( ARRAY[1, x1, x2], m.coef ) as predict,
dev=#         y as observation
dev=# FROM regression, regression_model m;
id | y | x1 | x2 | predict | observation
-----+-----+-----+-----+-----+-----
 3 | 6 | 4 | 1 | 5.72222222222224 | 6
 4 | 8 | 3 | 4 | 7.62962962962964 | 8
 1 | 5 | 2 | 3 | 5.46296296296297 | 5
 2 | 10 | 7 | 2 | 10.1851851851852 | 10
(4 rows)

dev=# \q
[root@10-23-45-25 ~]#
```