

## 云计算实验五报告

作业 1:

```
[root@10-23-63-90 ~]# psql -h 10.23.244.239 -U admin -d dev -p 5432
Password for user admin:
psql (10.14, server 9.4.24)
Type "help" for help.

dev=#
```

作业 2:

```
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@10-23-63-90 ~]#
```

作业 3:

```
[root@10-23-63-90 ~]# python3 selectTable.py
ID      NAME      ADDRESS      SALARY
1       Paul      California    20000.0
2       Allen     Texas         15000.0
3       Eric      Florida       25000.0
```

作业 4:

```
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
-----+---+---+---+-----+-----+
  2 | 10 |  7 |  2 | 10.1851851851852 |         10
  1 |  5 |  2 |  3 | 5.46296296296297 |          5
  3 |  6 |  4 |  1 | 5.72222222222224 |          6
  4 |  8 |  3 |  4 | 7.62962962962964 |          8
(4 rows)

dev=# \q
[root@10-23-63-90 ~]#
```