

Q1. insert into employee

```
-> values(106,"Valli","Pataballa","VPATABAL",5904234560,"1987-06-23","IT_PROG",4800.00,0.00,103,60);
```

Query OK, 1 row affected (0.04 sec)

```
mysql> insert into employee
```

```
-> values(107,"Diana","Lorentz","DLORENTZ",5904235569,"1987-06-24","IT_PROG",4200.00,0.00,114,30),
```

```
-> (108,"Nancy","Greenberg","NGREENBE",5151244569,"1987-06-25","SA_MAN",12000.00,0.00,145,80),
```

```
-> (109,"Daniel","Faviet","DFAVIET",5151244169,"1987-06-26","SA_MAN",9000.00,0.00,145,80);
```

Query OK, 3 rows affected (0.04 sec)

Records: 3 Duplicates: 0 Warnings: 0

```
mysql> select * from employee;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+
| EMPLOYEE_ID | FIRST_NAME | LAST_NAME | EMAIL | PHONE_NUMBER | HIRE_DATE | JOB_ID | SALARY | COMMISSION_PCT | MANAGER_ID | DEPARTMENT_ID |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 100 | Steven | King | SKING | 5151234567 | 1987-06-17 | AD_pres | 24000 | 0 | 200 | 10 |
| 101 | Neena | Kochhar | NKOCHHAR | 5151234568 | 1987-06-18 | AD_VP | 17000 | 0 | 200 | 10 |
| 102 | Lex | De Haan | LDEHAAN | 5151234569 | 1987-06-19 | AD_VP | 17000 | 0 | 200 | 10 |
| 103 | Alexander | Hunold | AHUNOLD | 5904234567 | 1987-06-20 | IT_PROG | 9000 | 0 | 103 | 60 |
| 104 | Bruce | Ernst | BERNST | 5904234568 | 1987-06-21 | IT_PROG | 6000 | 0 | 103 | 60 |
| 105 | David | Austin | DAUSTIN | 5904234569 | 1987-06-22 | IT_PROG | 4800 | 0 | 103 | 60 |
| 106 | Valli | Pataballa | VPATABAL | 5904234560 | 1987-06-23 | IT_PROG | 4800 | 0 | 103 | 60 |
```

107	Diana	Lorentz	DLORENTZ	5904235569	1987-06-24	IT_PROG	4200
114		30					
108	Nancy	Greenberg	NGREENBE	5151244569	1987-06-25	SA_MAN	12000
145		80					
109	Daniel	Faviet	DFAVIET	5151244169	1987-06-26	SA_MAN	9000
145		80					

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+

```

10 rows in set (0.00 sec)

```
mysql> create table department(
```

```
  -> department_id int,
```

```
  -> department_name varchar(30),
```

```
  -> manager_id int,
```

```
  -> location_id int);
```

Query OK, 0 rows affected (0.09 sec)

```
mysql> insert into department
```

```
  -> values(20,"marketing",201,1800),
```

```
  -> (30,"purchasing",114,1700),
```

```
  -> (40,"human resources",203,2400),
```

```
  -> (50,"shipping",121,1500),
```

```
  -> (60,"it",103,1400),
```

```
  -> (70,"public relation",204,2700),
```

```
  -> (80,"sales",145,2500);
```

Query OK, 7 rows affected (0.04 sec)

Records: 7 Duplicates: 0 Warnings: 0

```
mysql> select *from department;
```

```
+-----+-----+-----+-----+
| department_id | department_name | manager_id | location_id |
+-----+-----+-----+-----+
|      10 | administration |      200 |      1700 |
|      20 | marketing      |      201 |      1800 |
|      30 | purchasing      |      114 |      1700 |
|      40 | human resources |      203 |      2400 |
|      50 | shipping        |      121 |      1500 |
|      60 | it              |      103 |      1400 |
|      70 | public relation |      204 |      2700 |
|      80 | sales           |      145 |      2500 |
+-----+-----+-----+-----+
```

Q2.

```
mysql> insert into department
```

```
-> values(111,"hr",136,1200),
```

```
-> (888,"admin",102,4300),
```

```
-> (999,"wather",45,7800);
```

Query OK, 3 rows affected (0.04 sec)

Records: 3 Duplicates: 0 Warnings: 0

```
mysql> select *from department;
```

```
+-----+-----+-----+-----+
| department_id | department_name | manager_id | location_id |
+-----+-----+-----+-----+
|      10 | administration |      200 |      1700 |
|      20 | marketing      |      201 |      1800 |
```

30	purchasing	114	1700
40	human resources	203	2400
50	shipping	121	1500
60	it	103	1400
70	public relation	204	2700
80	sales	145	2500
111	hr	136	1200
888	admin	102	4300
999	wather	45	7800

+-----+-----+-----+-----+

11 rows in set (0.00 sec)

Q3.

```
mysql> create table jobs(
```

```
-> job_id varchar(30) primary key,
```

```
-> job_title varchar(50),
```

```
-> min_salary int,
```

```
-> max_salary int);
```

Query OK, 0 rows affected (0.09 sec)

```
mysql> insert into jobs
```

```
-> values("ad_pres","president",20000,40000),
```

```
-> ("ad_vp","administration vice president",15000,30000),
```

```
-> ("ad_asst","administration assistant",3000,6000),
```

```
-> ("fi_mgr","finance manager",8200,16000),
```

```
-> ("fi_account","accountant",4200,9000),
```

```
-> ("ac_mgr","accounting manager",82000,16000),
```

```
-> ("acc_account","public accountant",4200,9000),
```

```
-> ("sa man","sales manager",10000,20000);
```

Query OK, 8 rows affected (0.04 sec)

Records: 8 Duplicates: 0 Warnings: 0

```
mysql> select * from jobs;
```

job_id	job_title	min_salary	max_salary
ac_mgr	accounting manager	82000	16000
acc_account	public accountant	4200	9000
ad_asst	administration assistant	3000	6000
ad_pres	president	20000	40000
ad_vp	administration vice president	15000	30000
fi_account	accountant	4200	9000
fi_mgr	finance manager	8200	16000
sa man	sales manager	10000	20000

8 rows in set (0.00 sec)

Q4.

```
mysql> update employee set salary=salary*1.10;
```

Query OK, 10 rows affected (0.04 sec)

Rows matched: 10 Changed: 10 Warnings: 0

Q5.

```
mysql> update employee set email='not available' where DEPARTMENT_ID=80&&  
COMMISSION_PCT<0.002;
```

Query OK, 2 rows affected, 1 warning (0.01 sec)

Rows matched: 2 Changed: 2 Warnings: 1

Q6.

mysql> update employee set email='not available' where

-> department\_id=(select department\_id from department where  
department\_name='Purchasing');

Query OK, 1 row affected (0.04 sec)

Rows matched: 1 Changed: 1 Warnings: 0

Q7.

mysql> update employee

-> set email='not available',commission\_pct = 0.10;

Query OK, 10 rows affected (0.04 sec)

Rows matched: 10 Changed: 10 Warnings: 0