

```
mysql> show databases;
```

Database
assessment
hardik
information_schema
mysql
performance_schema
sakila
sys
world

```
8 rows in set (0.00 sec)
```

```
mysql> use assessment;
```

```
Database changed
```

```
mysql> create table salesman (  
->     salesman_id int primary key,  
->     name varchar(50),  
->     city varchar(50),  
->     commission decimal(4,2)  
-> );  
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> DESCRIBE salesman;
```

Field	Type	Null	Key	Default	Extra
salesman_id	int	NO	PRI	NULL	
name	varchar(50)	YES		NULL	
city	varchar(50)	YES		NULL	
commission	decimal(4,2)	YES		NULL	

4 rows in set (0.02 sec)

```
mysql> insert into salesman (salesman_id, name, city, commission) values  
-> (5001, 'James Hoog', 'New York', 0.15),  
-> (5002, 'Nail Knite', 'Paris', 0.13),  
-> (5005, 'Pit Alex', 'London', 0.11),  
-> (5006, 'Mc Lyon', 'Paris', 0.14),  
-> (5007, 'Paul Adam', 'Rome', 0.13),  
-> (5003, 'Lauson Hen', 'San Jose', 0.12);  
Query OK, 6 rows affected (0.01 sec)  
Records: 6  Duplicates: 0  Warnings: 0
```

```
mysql> select * from salesman;
```

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5003	Lauson Hen	San Jose	0.12
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5007	Paul Adam	Rome	0.13

6 rows in set (0.00 sec)

```
mysql> create table customer (  
->     customer_id int primary key,  
->     cust_name varchar(50),  
->     city varchar(50),  
->     grade int,  
->     salesman_id int,  
->     foreign key (salesman_id) references salesman(salesman_id)  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> describe customer;
```

Field	Type	Null	Key	Default	Extra
customer_id	int	NO	PRI	NULL	
cust_name	varchar(50)	YES		NULL	
city	varchar(50)	YES		NULL	
grade	int	YES		NULL	
salesman_id	int	YES	MUL	NULL	

5 rows in set (0.00 sec)

```
mysql> insert into customer (customer_id, cust_name, city, grade, salesman_id) values
```

```
-> (3002, 'Nick Rimando', 'New York', 100, 5001),  
-> (3007, 'Brad Davis', 'New York', 200, 5001),  
-> (3005, 'Graham Zusi', 'California', 200, 5002),  
-> (3008, 'Julian Green', 'London', 300, 5002),  
-> (3004, 'Fabian Johnson', 'Paris', 300, 5006),  
-> (3009, 'Geoff Cameron', 'Berlin', 100, 5003),  
-> (3003, 'Jozy Altidor', 'Moscow', 200, 5007),  
-> (3001, 'Brad Guzan', 'London', 200, 5005);
```

Query OK, 8 rows affected (0.01 sec)

Records: 8 Duplicates: 0 Warnings: 0

```
mysql> select * from customer;
```

customer_id	cust_name	city	grade	salesman_id
3001	Brad Guzan	London	200	5005
3002	Nick Rimando	New York	100	5001
3003	Jozy Altidor	Moscow	200	5007
3004	Fabian Johnson	Paris	300	5006
3005	Graham Zusi	California	200	5002
3007	Brad Davis	New York	200	5001
3008	Julian Green	London	300	5002
3009	Geoff Cameron	Berlin	100	5003

8 rows in set (0.00 sec)

```
mysql> select
->     customer.cust_name as "customer name",
->     customer.city as "customer city",
->     salesman.name as "salesman name",
->     salesman.commission as "commission"
-> from
->     customer
-> inner join
->     salesman
-> on
->     customer.salesman_id = salesman.salesman_id;
```

customer name	customer city	salesman name	commission
Nick Rimando	New York	James Hoog	0.15
Brad Davis	New York	James Hoog	0.15
Graham Zusi	California	Nail Knite	0.13
Julian Green	London	Nail Knite	0.13
Geoff Cameron	Berlin	Lauson Hen	0.12
Brad Guzan	London	Pit Alex	0.11
Fabian Johnson	Paris	Mc Lyon	0.14
Jozy Altidor	Moscow	Paul Adam	0.13

```
8 rows in set (0.00 sec)
```