

Database join_db:

```
CREATE DATABASE join_db;
```

Table salesmen:

```
CREATE TABLE salesmen(
  s_id int primary key,
  name text,
  city text,
  commission float
);
```

```
INSERT INTO salesmen VALUES(5001,'jamesh hoog','new york',0.15),(5002,'nail
knite','parish',0.13),(5005,'pit alex','london',0.11),(5006,'mc lyon','paris',0.14),(5007,'paul
adam','rome',0.13),(5003,'lauson men','sen jose',0.12);
```

s_id	name	city	commission
5001	jamesh hoog	new york	0.15
5002	nail knite	parish	0.13
5003	lauson men	sen jose	0.12
5005	pit alex	london	0.11
5006	mc lyon	paris	0.14
5007	paul adam	rome	0.13

Table costomer:

```
CREATE TABLE costomer(
  c_id int PRIMARY KEY,
  c_name text,
  city text,
  gread text,
  s_id int,
  FOREIGN KEY(s_id) REFERENCES salesmen(s_id));
```

```
INSERT INTO costomer VALUES(3002,'nick rimando','new york',100,5001),(3007,'brad
davis','new york',200,5001),(3005,'graham zusi','califonia',200,5002),(3008,'julia
green','london',300,5002),(3004,'fabian johnson','paris',300,5006),(3009,'geott
```

cameron','berlin',100,5003),(3003,'jozy altidor','moscow',200,5007), (3001,'brad guzan','london',5005);

c_id	c_name	city	gread	s_id
3001	brad guzan	london	NULL	5005
3002	nick rimando	new york	100	5001
3003	jozy altidor	moscow	200	5007
3004	fabian johnson	paris	300	5006
3005	graham zusi	califonia	200	5002
3007	brad davis	new york	200	5001
3008	julia green	london	300	5002
3009	geott cameron	berlin	100	5003

Quary join:

Inner join:

SELECT

costomer.c_name,costomer.city,salesmen.name,salesmen.commission,salesmen.s_id FROM salesmen INNER JOIN costomer ON salesmen.s_id=costomer.s_id;

c_name	city	name	commission	s_id
brad guzan	london	pit alex	0.11	5005
nick rimando	new york	jamesh hoog	0.15	5001
jozy altidor	moscow	paul adam	0.13	5007
fabian johnson	paris	mc lyon	0.14	5006
graham zusi	califonia	nail knite	0.13	5002
brad davis	new york	jamesh hoog	0.15	5001
julia green	london	nail knite	0.13	5002
geott cameron	berlin	lauson men	0.12	5003

Left join:

SELECT costomer.c_name,costomer.city,salesmen.name,salesmen.commission,salesmen.s_id FROM salesmen left JOIN costomer ON salesmen.s_id=costomer.s_id;

c_name	city	name	commission	s_id
nick rimando	new york	jamesh hoog	0.15	5001
brad davis	new york	jamesh hoog	0.15	5001
graham zusi	califonia	nail knite	0.13	5002
julia green	london	nail knite	0.13	5002
geott cameron	berlin	lauson men	0.12	5003
brad guzan	london	pit alex	0.11	5005
fabian johnson	paris	mc lyon	0.14	5006
jozy altidor	moscow	paul adam	0.13	5007

Right join:

[SELECT](#) costomer.c_name,costomer.city,salesmen.name,salesmen.commission,salesmen.s_id FROM salesmen [RIGHT JOIN](#) costomer ON salesmen.s_id=costomer.s_id;

c_name	city	name	commission	s_id
brad guzan	london	pit alex	0.11	5005
nick rimando	new york	jamesh hoog	0.15	5001
jozy altidor	moscow	paul adam	0.13	5007
fabian johnson	paris	mc lyon	0.14	5006
graham zusi	califonia	nail knite	0.13	5002
brad davis	new york	jamesh hoog	0.15	5001
julia green	london	nail knite	0.13	5002
geott cameron	berlin	lauson men	0.12	5003

Full join:

[SELECT](#) costomer.c_name,costomer.city,salesmen.name,salesmen.commission,salesmen.s_id FROM salesmen
full JOIN costomer ON salesmen.s_id=costomer.s_id;

c_name	city	name	commission	s_id
nick rimando	new york	jamesh hoog	0.15	5001
brad davis	new york	jamesh hoog	0.15	5001
graham zusi	califonia	nail knite	0.13	5002
julia green	london	nail knite	0.13	5002
geott cameron	berlin	lauson men	0.12	5003
brad guzan	london	pit alex	0.11	5005
fabian johnson	paris	mc lyon	0.14	5006
jozy altidor	moscow	paul adam	0.13	5007