

Title: How to develop Left Join Exclusion features(way: 01)?

#01

```
MariaDB [dbspr]> select * from stdtbl
  -> left join usttbl
  -> using(pid)
  -> where prole is null;
```

pid	pname	edu	prole
1002	x2	PG	NULL
1003	x3	-	NULL
1005	x5	PG	NULL
1006	x6	-	NULL
1008	x8	PG	NULL
1009	x9	-	NULL

6 rows in set (0.001 sec)

#02

```
MariaDB [dbspr]> select * from stdtbl
  -> left join pssttbl
  -> using(pid)
  -> where prole is null;
```

pid	pname	edu	prole
1003	x3	-	NULL
1004	x4	UG	NULL
1006	x6	-	NULL
1007	x7	UG	NULL
1009	x9	-	NULL

5 rows in set (0.001 sec)

#03

```
MariaDB [dbspr]> select * from stdtbl
  -> left join usttbl
  -> using(pid)
  -> left join pssttbl
  -> using(pid)
  -> where usttbl.prole is null and pssttbl.prole is null;
```

pid	pname	edu	prole	prole
1003	x3	-	NULL	NULL
1006	x6	-	NULL	NULL
1009	x9	-	NULL	NULL

3 rows in set (0.001 sec)

#04

```
MariaDB [dbspr]> select stdtbl.pid, pname, edu from stdtbl
  -> left join usttbl
  -> using(pid)
  -> left join pssttbl
  -> using(pid)
  -> where usttbl.prole is null and pssttbl.prole is null;
```

pid	pname	edu
1003	x3	-
1006	x6	-
1009	x9	-

3 rows in set (0.001 sec)