

## TUGAS KELOMPOK LATIHAN QUERY (JOIN)

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SOAL ( TULISKAN PERINTAH QUERY )

### SUPPLIER(P)

```
MariaDB [queryjoin]> select * from Supplier;
```

P	PNAME	STATUS	CITY
P1	SMITH	20	LONDON
P2	JONES	10	PARIS
P3	BLAKE	30	PARIS
P4	CLARK	20	LONDON
P5	ADAMS	30	ATHENS

5 rows in set (0.000 sec)

### SUKUCADANG(S)

```
MariaDB [queryjoin]> select * from Sukucadang;
```

S	SNAME	COLOR	WEIGHT	CITY
S1	NUT	RED	12	LONDON
S2	BOLT	GREEN	17	PARIS
S3	SCREW	BLUE	17	ROME
S4	CREW	RED	14	LONDON
S5	CAM	BLUE	12	PARIS
S6	COG	RED	19	LONDON

6 rows in set (0.000 sec)

### SPJ

```
MariaDB [queryjoin]> select * from SPJ;
```

S	P	QTY
S1	P1	200
S1	P1	700
S2	P3	400
S3	P3	200
S3	P3	200
S3	P3	500
S3	P3	600
S3	P4	400
S5	P4	800
S4	P4	100

10 rows in set (0.000 sec)

```
MariaDB [queryjoin]> █
```

1. Tampilkan Nama dan Kota dari suku cadang yang dikirimkan oleh Blake.  
`select sukucadang.SNAME, sukucadang.CITY from sukucadang inner join supplier on sukucadang.CITY = supplier.CITY where supplier.PNAME = 'BLAKE';`

```

MariaDB [query_join]> select sukucadang.SNAME, sukucadang.CITY from sukucadang inner join supplier on sukucadang.CITY = supplier.CITY where supplier.PNAME = 'BLAKE';
+-----+-----+
| SNAME | CITY |
+-----+-----+
| BOLT  | PARIS |
| CAM   | PARIS |
+-----+-----+
2 rows in set (0.003 sec)

```

1. Tampilkan Nama dan Kota dari suku cadang yang dikirimkan oleh Blake  
`select sukucadang.SNAME, sukucadang.CITY from sukucadang inner join supplier on sukucadang.CITY = supplier.CITY where supplier.PNAME = 'BLAKE';`

2. Tampilkan nama suku cadang dan nama supplier yang mengirim suku cadang BOLT.

`select SNAME,supplier.PNAME from spj join sukucadang on sukucadang.S = spj.S join supplier on supplier.P = spj.P where sukucadang.SNAME = 'BOLT';`

```

MariaDB [query_join]> select SNAME,supplier.PNAME from spj join sukucadang on sukucadang.S = spj.S join supplier on supplier.P = spj.P where sukucadang.SNAME = 'BOLT';
+-----+-----+
| SNAME | PNAME |
+-----+-----+
| BOLT  | BLAKE |
+-----+-----+
1 row in set (0.003 sec)

```

`select SNAME,supplier.PNAME from spj join sukucadang on sukucadang.S = spj.S join supplier on supplier.P = spj.P where sukucadang.SNAME = 'BOLT';`

3. Tampilkan nama supplier yang menyediakan semua suku cadang yang berasal dari Paris.

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`select supplier.PNAME, sukucadang.SNAME, sukucadang.CITY from sukucadang inner join supplier on sukucadang.CITY = supplier.CITY where supplier.CITY = 'PARIS';`

```

MariaDB [query_join]> select supplier.PNAME, sukucadang.SNAME, sukucadang.CITY from sukucadang inner join supplier on sukucadang.CITY = supplier.CITY where supplier.CITY = 'PARIS';
+-----+-----+-----+
| PNAME | SNAME | CITY |
+-----+-----+-----+
| JONES | BOLT  | PARIS |
| BLAKE | BOLT  | PARIS |
| JONES | CAM   | PARIS |
| BLAKE | CAM   | PARIS |
+-----+-----+-----+
4 rows in set (0.001 sec)

```

`select supplier.PNAME, sukucadang.SNAME, sum(spj.QTY) as jumlah from spj join sukucadang join supplier on spj.S = sukucadang.S and supplier.P = spj.P where supplier.P = 'P1';`

4. Tampilkan jumlah barang yang disupply oleh Smith.

4. Tampilkan jumlah barang yang disupply oleh Smith.  
`select supplier.PNAME, sukucadang.SNAME, sum(spj.QTY) as jumlah from spj join sukucadang join supplier on spj.S = sukucadang.S and supplier.P = spj.P where supplier.P = 'P1';`

```

MariaDB [query_join]> select supplier.PNAME, sukucadang.SNAME, sum(spj.QTY) as jumlah from spj join sukucadang join supplier on spj.S = sukucadang.S and supplier.P = spj.P where supplier.P = 'P1';
+-----+-----+-----+
| PNAME | SNAME | jumlah |
+-----+-----+-----+
| SMITH | NJT   | 900    |
+-----+-----+-----+
1 row in set (0.001 sec)

```