

Subquery

Module 9: Subquery



emp_no	birth_date	first_name	first_name	gender	hire_date
10001	1953-09-02	Georgi	Facello	M	1986-06-26
10002	1964-06-02	Bezalel	Simmell	F	1985-11-21
10003	1959-12-03	Parto	Bamford	M	1986-08-28
10004	1954-05-01	Chirstian	Koblick	M	1986-12-01
10005	1955-01-21	Kyoichi	Maliniak	M	1989-09-12
10006	1953-04-20	Anneke	Preusig	F	1989-06-02
10007	1957-05-23	Tzvetan	Zielinski	F	1989-02-10
10008	1958-02-19	Saniya	Kalloufi	M	1994-09-15
10009	1952-04-19	Sumant	Peac	F	1985-02-18
10010	1963-06-01	Duangkaew	Piveteau	F	1989-08-24

emp_no	birth_date	first_name	first_name	gender	hire_date
10001	1953-09-02	Georgi	Facello	M	1986-06-26
10002	1964-06-02	Bezalel	Simmell	F	1985-11-21
10003	1959-12-03	Parto	Bamford	M	1986-08-28
10004	1954-05-01	Chirstian	Koblick	M	1986-12-01
10005	1955-01-21	Kyoichi	Maliniak	M	1989-09-12
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10008	1958-02-19	Saniya	Kalloufi	M	1994-09-15
10009	1952-04-19	Sumant	Peac	F	1985-02-18
10010	1963-06-01	Duangkaew	Piveteau	F	1989-08-24

Suppose we want to find all the people who have joined after emp_no = 10010

Approach:

```
select hire_date from test where emp_no = 10010;
```

```
mysql> select hire_date from test where emp_no = 10010
-> ;
+-----+
| hire_date |
+-----+
| 1989-08-24 |
+-----+
1 row in set (0.00 sec)
```

Now in the next query we will find all employees who joined after **1989-08-24**

Approach:

```
select * from test where hiredate > '1989-08-24';
```

```
mysql> select * from test where hire_date > '1989-08-24';
+-----+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+-----+
| 10005 | 1955-01-21 | Kyoichi | Maliniak | M | 1989-09-12 |
| 10008 | 1958-02-19 | Saniya | Kalloufi | M | 1994-09-15 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

Thank You

