

MYSQL BETWEEN CLAUSE

<http://www.tutorialspoint.com/mysql/mysql-between-clause.htm>

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You can use **BETWEEN** clause to replace a combination of "greater than equal AND less than equal" conditions.

To understand **BETWEEN** clause, consider an **employee_tbl** table, which is having following records:

```
mysql> SELECT * FROM employee_tbl;
```

id	name	work_date	daily_typing_pages
1	John	2007-01-24	250
2	Ram	2007-05-27	220
3	Jack	2007-05-06	170
3	Jack	2007-04-06	100
4	Jill	2007-04-06	220
5	Zara	2007-06-06	300
5	Zara	2007-02-06	350

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

Now, suppose based on the above table you want to fetch records with conditions daily_typing_pages more than 170 and equal and less than 300 and equal. This can be done using **>=** and **<=** conditions as follows:

```
mysql> SELECT * FROM employee_tbl
-> WHERE daily_typing_pages >= 170 AND
-> daily_typing_pages <= 300;
```

id	name	work_date	daily_typing_pages
1	John	2007-01-24	250
2	Ram	2007-05-27	220
3	Jack	2007-05-06	170
4	Jill	2007-04-06	220
5	Zara	2007-06-06	300

```
5 rows in set (0.03 sec)
```

Same can be achieved using **BETWEEN** clause as follows:

```
mysql> SELECT * FROM employee_tbl
-> WHERE daily_typing_pages BETWEEN 170 AND 300;
```

id	name	work_date	daily_typing_pages
1	John	2007-01-24	250
2	Ram	2007-05-27	220
3	Jack	2007-05-06	170
4	Jill	2007-04-06	220
5	Zara	2007-06-06	300

```
5 rows in set (0.03 sec)
```