

```

1  Enter password: ****
2  Welcome to the MySQL monitor.  Commands end with ; or \g.
3  Your MySQL connection id is 30
4  Server version: 8.0.44 MySQL Community Server - GPL
5
6  Copyright (c) 2000, 2025, Oracle and/or its affiliates.
7
8  Oracle is a registered trademark of Oracle Corporation and/or its
9  affiliates. Other names may be trademarks of their respective
10 owners.
11
12 Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
13
14 mysql> show databases;
15 +-----+
16 | Database          |
17 +-----+
18 | information_schema |
19 | mysql              |
20 | nit                |
21 | performance_schema |
22 | sys                |
23 +-----+
24 5 rows in set (0.00 sec)
25
26 mysql> use nit;
27 Database changed
28 mysql> select 10 + 20;
29 +-----+
30 | 10 + 20 |
31 +-----+
32 |      30 |
33 +-----+
34 1 row in set (0.00 sec)
35
36 mysql> select 10 * 20;
37 +-----+
38 | 10 * 20 |
39 +-----+
40 |     200 |
41 +-----+
42 1 row in set (0.00 sec)
43
44 mysql> select 10 / 5;
45 +-----+
46 | 10 / 5 |
47 +-----+
48 | 2.0000 |
49 +-----+
50 1 row in set (0.00 sec)
51
52 mysql> select 12 % 5;
53 +-----+
54 | 12 % 5 |
55 +-----+
56 |      2 |
57 +-----+
58 1 row in set (0.00 sec)
59
60 mysql> select 12 % 5;
61 +-----+
62 | 12 % 5 |
63 +-----+
64 |      2 |
65 +-----+
66 1 row in set (0.00 sec)
67
68 mysql> create table customers(ID int,NAME varchar(30),AGE int,ADRESS varchar(50),SALARY
int);

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69 ERROR 1050 (42S01): Table 'customers' already exists
70 mysql> delete customer
71     ->
72     -> create table customers(ID int,NAME varchar(30),AGE int,ADRESS varchar(50),SALARY
73         int);
74 ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
75 corresponds to your MySQL server version for the right syntax to use near 'create table
76 customers(ID int,NAME varchar(30),AGE int,ADRESS varchar(50),SALARY' at line 3
77 mysql> desc customers;
78 +-----+-----+-----+-----+-----+-----+
79 | Field | Type          | Null | Key | Default | Extra |
80 +-----+-----+-----+-----+-----+-----+
81 | ID    | int           | YES  |     | NULL    |       |
82 | NAME  | varchar(30)   | YES  |     | NULL    |       |
83 | AGE   | int           | YES  |     | NULL    |       |
84 | ADRESS | varchar(50)   | YES  |     | NULL    |       |
85 | SALARY | int           | YES  |     | NULL    |       |
86 +-----+-----+-----+-----+-----+-----+
87 5 rows in set (0.00 sec)
88
89 mysql> insert into
90 customers(ID,NAME,AGE,ADRESS,SALARY)values(1,'Ramesh',32,'Ahmedabad',2000.00);
91 Query OK, 1 row affected (0.00 sec)
92
93 mysql> insert into customers
94 values(2,'Huzaif',27,'pune',20000),(3,'zain',19,'kota',10000),
95     -> (4,'aadil',27,'dubai',200000),
96     -> (5,'abrar',18,'Aurad',18000),
97     -> (6,'santosh',22,'nagpur',150000),
98     -> (7,'Abhishek',24,'latur',100000);
99 Query OK, 6 rows affected (0.00 sec)
100 Records: 6 Duplicates: 0 Warnings: 0
101 mysql> select * from customers;
102 +-----+-----+-----+-----+-----+-----+
103 | ID | NAME      | AGE | ADRESS | SALARY |
104 +-----+-----+-----+-----+-----+-----+
105 | 1  | Ramesh    | 32  | Ahmedabad | 2000 |
106 | 2  | Huzaif    | 27  | pune     | 20000 |
107 | 3  | zain      | 19  | kota     | 10000 |
108 | 4  | aadil     | 27  | dubai    | 200000 |
109 | 5  | abrar     | 18  | Aurad    | 18000 |
110 | 6  | santosh   | 22  | nagpur   | 150000 |
111 | 7  | Abhishek  | 24  | latur    | 100000 |
112 +-----+-----+-----+-----+-----+-----+
113 7 rows in set (0.00 sec)
114
115 mysql> select * from customers where salary >5000;
116 +-----+-----+-----+-----+-----+-----+
117 | ID | NAME      | AGE | ADRESS | SALARY |
118 +-----+-----+-----+-----+-----+-----+
119 | 2  | Huzaif    | 27  | pune     | 20000 |
120 | 3  | zain      | 19  | kota     | 10000 |
121 | 4  | aadil     | 27  | dubai    | 200000 |
122 | 5  | abrar     | 18  | Aurad    | 18000 |
123 | 6  | santosh   | 22  | nagpur   | 150000 |
124 | 7  | Abhishek  | 24  | latur    | 100000 |
125 +-----+-----+-----+-----+-----+-----+
126 6 rows in set (0.00 sec)
127
128 mysql> select * from customers where salary=2000;
129 +-----+-----+-----+-----+-----+-----+
130 | ID | NAME      | AGE | ADRESS | SALARY |
131 +-----+-----+-----+-----+-----+-----+
132 | 1  | Ramesh    | 32  | Ahmedabad | 2000 |
133 +-----+-----+-----+-----+-----+-----+
134 1 row in set (0.00 sec)
135
136 mysql> select * from customers where salary != 2000;
137 +-----+-----+-----+-----+-----+-----+

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133 | ID | NAME | AGE | ADRESS | SALARY |
134 +-----+-----+-----+-----+-----+
135 | 2 | Huzaif | 27 | pune | 20000 |
136 | 3 | zain | 19 | kota | 10000 |
137 | 4 | aadil | 27 | dubai | 200000 |
138 | 5 | abrar | 18 | Aurad | 18000 |
139 | 6 | santosh | 22 | nagpur | 150000 |
140 | 7 | Abhishek | 24 | latur | 100000 |
141 +-----+-----+-----+-----+-----+
142 6 rows in set (0.00 sec)

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144 mysql> select * from customers where salary <> 2000;

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145 +-----+-----+-----+-----+-----+
146 | ID | NAME | AGE | ADRESS | SALARY |
147 +-----+-----+-----+-----+-----+
148 | 2 | Huzaif | 27 | pune | 20000 |
149 | 3 | zain | 19 | kota | 10000 |
150 | 4 | aadil | 27 | dubai | 200000 |
151 | 5 | abrar | 18 | Aurad | 18000 |
152 | 6 | santosh | 22 | nagpur | 150000 |
153 | 7 | Abhishek | 24 | latur | 100000 |
154 +-----+-----+-----+-----+-----+
155 6 rows in set (0.00 sec)

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157 mysql> select * from customers where salary >=6500;

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158 +-----+-----+-----+-----+-----+
159 | ID | NAME | AGE | ADRESS | SALARY |
160 +-----+-----+-----+-----+-----+
161 | 2 | Huzaif | 27 | pune | 20000 |
162 | 3 | zain | 19 | kota | 10000 |
163 | 4 | aadil | 27 | dubai | 200000 |
164 | 5 | abrar | 18 | Aurad | 18000 |
165 | 6 | santosh | 22 | nagpur | 150000 |
166 | 7 | Abhishek | 24 | latur | 100000 |
167 +-----+-----+-----+-----+-----+
168 6 rows in set (0.00 sec)

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170 mysql> select * from customers;

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171 +-----+-----+-----+-----+-----+
172 | ID | NAME | AGE | ADRESS | SALARY |
173 +-----+-----+-----+-----+-----+
174 | 1 | Ramesh | 32 | Ahmedabad | 2000 |
175 | 2 | Huzaif | 27 | pune | 20000 |
176 | 3 | zain | 19 | kota | 10000 |
177 | 4 | aadil | 27 | dubai | 200000 |
178 | 5 | abrar | 18 | Aurad | 18000 |
179 | 6 | santosh | 22 | nagpur | 150000 |
180 | 7 | Abhishek | 24 | latur | 100000 |
181 +-----+-----+-----+-----+-----+
182 7 rows in set (0.00 sec)

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184 mysql> select *from customers where age>= 25 and salary >=6500;

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185 +-----+-----+-----+-----+-----+
186 | ID | NAME | AGE | ADRESS | SALARY |
187 +-----+-----+-----+-----+-----+
188 | 2 | Huzaif | 27 | pune | 20000 |
189 | 4 | aadil | 27 | dubai | 200000 |
190 +-----+-----+-----+-----+-----+
191 2 rows in set (0.00 sec)

```

```

193 mysql> select *from customers where age>= 25 or salary >=6500;

```

```

194 +-----+-----+-----+-----+-----+
195 | ID | NAME | AGE | ADRESS | SALARY |
196 +-----+-----+-----+-----+-----+
197 | 1 | Ramesh | 32 | Ahmedabad | 2000 |
198 | 2 | Huzaif | 27 | pune | 20000 |
199 | 3 | zain | 19 | kota | 10000 |
200 | 4 | aadil | 27 | dubai | 200000 |
201 | 5 | abrar | 18 | Aurad | 18000 |

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202 | 6 | santosh | 22 | nagpur | 150000 |
203 | 7 | Abhishek | 24 | latur | 100000 |
204 +-----+-----+-----+-----+-----+
205 7 rows in set (0.00 sec)
206
207 mysql> select *from customers where age is not null;
208 +-----+-----+-----+-----+-----+
209 | ID | NAME | AGE | ADRESS | SALARY |
210 +-----+-----+-----+-----+-----+
211 | 1 | Ramesh | 32 | Ahmedabad | 2000 |
212 | 2 | Huzaif | 27 | pune | 20000 |
213 | 3 | zain | 19 | kota | 10000 |
214 | 4 | aadil | 27 | dubai | 200000 |
215 | 5 | abrar | 18 | Aurad | 18000 |
216 | 6 | santosh | 22 | nagpur | 150000 |
217 | 7 | Abhishek | 24 | latur | 100000 |
218 +-----+-----+-----+-----+-----+
219 7 rows in set (0.00 sec)
220
221 mysql> select *from customers where name like 'Hu%';
222 +-----+-----+-----+-----+-----+
223 | ID | NAME | AGE | ADRESS | SALARY |
224 +-----+-----+-----+-----+-----+
225 | 2 | Huzaif | 27 | pune | 20000 |
226 +-----+-----+-----+-----+-----+
227 1 row in set (0.00 sec)
228
229 mysql> select *from customers where name like 'Ab%';
230 +-----+-----+-----+-----+-----+
231 | ID | NAME | AGE | ADRESS | SALARY |
232 +-----+-----+-----+-----+-----+
233 | 5 | abrar | 18 | Aurad | 18000 |
234 | 7 | Abhishek | 24 | latur | 100000 |
235 +-----+-----+-----+-----+-----+
236 2 rows in set (0.00 sec)
237
238 mysql> select *from customer where age in (22,27);
239 ERROR 1146 (42S02): Table 'nit.customer' doesn't exist
240 mysql> select *from customers where age in (25,27);
241 +-----+-----+-----+-----+-----+
242 | ID | NAME | AGE | ADRESS | SALARY |
243 +-----+-----+-----+-----+-----+
244 | 2 | Huzaif | 27 | pune | 20000 |
245 | 4 | aadil | 27 | dubai | 200000 |
246 +-----+-----+-----+-----+-----+
247 2 rows in set (0.00 sec)
248
249 mysql> select *from customers where age in (22,27);
250 +-----+-----+-----+-----+-----+
251 | ID | NAME | AGE | ADRESS | SALARY |
252 +-----+-----+-----+-----+-----+
253 | 2 | Huzaif | 27 | pune | 20000 |
254 | 4 | aadil | 27 | dubai | 200000 |
255 | 6 | santosh | 22 | nagpur | 150000 |
256 +-----+-----+-----+-----+-----+
257 3 rows in set (0.00 sec)
258
259
260 mysql> select *from customers where age between 25 and 32;
261 +-----+-----+-----+-----+-----+
262 | ID | NAME | AGE | ADRESS | SALARY |
263 +-----+-----+-----+-----+-----+
264 | 1 | Ramesh | 32 | Ahmedabad | 2000 |
265 | 2 | Huzaif | 27 | pune | 20000 |
266 | 4 | aadil | 27 | dubai | 200000 |
267 +-----+-----+-----+-----+-----+
268 3 rows in set (0.00 sec)
269
270

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271 mysql> select age from customers where exists (select age from customers where salary >
272 22000);
273 +-----+
274 | age |
275 +-----+
276 | 32 |
277 | 27 |
278 | 19 |
279 | 27 |
280 | 18 |
281 | 22 |
282 | 24 |
283 +-----+
284 7 rows in set (0.00 sec)
285
286 mysql> select age from customers where exists (select age from customers where salary >
287 1000);
288 +-----+
289 | age |
290 +-----+
291 | 32 |
292 | 27 |
293 | 19 |
294 | 27 |
295 | 18 |
296 | 22 |
297 | 24 |
298 +-----+
299 7 rows in set (0.00 sec)
300
301 mysql> select age from customers where exists (select age from customers where salary >
302 100000);
303 +-----+
304 | age |
305 +-----+
306 | 32 |
307 | 27 |
308 | 19 |
309 | 27 |
310 | 18 |
311 | 22 |
312 | 24 |
313 +-----+
314 7 rows in set (0.00 sec)
315
316 mysql> select * from customers where age>all (select age from customers where
317 salary>6500);
318 +-----+-----+-----+-----+-----+
319 | ID | NAME | AGE | ADRESS | SALARY |
320 +-----+-----+-----+-----+-----+
321 | 1 | Ramesh | 32 | Ahmedabad | 2000 |
322 +-----+-----+-----+-----+-----+
323 1 row in set (0.00 sec)
324
325 mysql> select *from customers where age>any (select age from customers where
326 salary>6500);
327 +-----+-----+-----+-----+-----+
328 | ID | NAME | AGE | ADRESS | SALARY |
329 +-----+-----+-----+-----+-----+
330 | 1 | Ramesh | 32 | Ahmedabad | 2000 |
331 | 2 | Huzaif | 27 | pune | 20000 |
332 | 3 | zain | 19 | kota | 10000 |
333 | 4 | aadil | 27 | dubai | 200000 |
334 | 6 | santosh | 22 | nagpur | 150000 |
335 | 7 | Abhishek | 24 | latur | 100000 |
336 +-----+-----+-----+-----+-----+
337 6 rows in set (0.00 sec)
338

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335 mysql> select *from customers where age>any (select age from customers where salary>650);
336 +-----+-----+-----+-----+-----+
337 | ID   | NAME      | AGE  | ADRESS  | SALARY |
338 +-----+-----+-----+-----+-----+
339 | 1    | Ramesh    | 32   | Ahmedabad | 2000 |
340 | 2    | Huzaif    | 27   | pune     | 20000 |
341 | 3    | zain      | 19   | kota     | 10000 |
342 | 4    | aadil     | 27   | dubai    | 200000 |
343 | 6    | santosh   | 22   | nagpur   | 150000 |
344 | 7    | Abhishek  | 24   | latur    | 100000 |
345 +-----+-----+-----+-----+-----+
346 6 rows in set (0.00 sec)
347
348 mysql> select *from customers where age>any (select age from customers where
salary>65000);
349 +-----+-----+-----+-----+-----+
350 | ID   | NAME      | AGE  | ADRESS  | SALARY |
351 +-----+-----+-----+-----+-----+
352 | 1    | Ramesh    | 32   | Ahmedabad | 2000 |
353 | 2    | Huzaif    | 27   | pune     | 20000 |
354 | 4    | aadil     | 27   | dubai    | 200000 |
355 | 7    | Abhishek  | 24   | latur    | 100000 |
356 +-----+-----+-----+-----+-----+
357 4 rows in set (0.00 sec)
358
359
360 mysql> select * from customers ;
361 +-----+-----+-----+-----+-----+
362 | ID   | NAME      | AGE  | ADRESS  | SALARY |
363 +-----+-----+-----+-----+-----+
364 | 1    | Ramesh    | 32   | Ahmedabad | 2000 |
365 | 2    | Huzaif    | 27   | pune     | 20000 |
366 | 3    | zain      | 19   | kota     | 10000 |
367 | 4    | aadil     | 27   | dubai    | 200000 |
368 | 5    | abrar     | 18   | Aurad    | 18000 |
369 | 6    | santosh   | 22   | nagpur   | 150000 |
370 | 7    | Abhishek  | 24   | latur    | 100000 |
371 +-----+-----+-----+-----+-----+
372 7 rows in set (0.00 sec)
373
374 mysql> select *from customers where salary=10000;
375 +-----+-----+-----+-----+-----+
376 | ID   | NAME      | AGE  | ADRESS  | SALARY |
377 +-----+-----+-----+-----+-----+
378 | 3    | zain      | 19   | kota     | 10000 |
379 +-----+-----+-----+-----+-----+
380 1 row in set (0.00 sec)
381
382 mysql> select current_timestamp;
383 +-----+
384 | current_timestamp |
385 +-----+
386 | 2025-11-15 15:25:55 |
387 +-----+
388 1 row in set (0.00 sec)
389
390 mysql> show databases;
391 +-----+
392 | Database |
393 +-----+
394 | information_schema |
395 | mysql |
396 | nit |
397 | performance_schema |
398 | sys |
399 +-----+
400 5 rows in set (0.00 sec)
401
402 mysql> create table salary as select id ,salary from customers;

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403 Query OK, 7 rows affected (0.02 sec)
404 Records: 7 Duplicates: 0 Warnings: 0
405
406 mysql> update customers set adress='ahmedpur' where id=2;
407 Query OK, 1 row affected (0.01 sec)
408 Rows matched: 1 Changed: 1 Warnings: 0
409
410 mysql> desc customers;
411 +-----+-----+-----+-----+-----+-----+
412 | Field | Type          | Null | Key | Default | Extra |
413 +-----+-----+-----+-----+-----+-----+
414 | ID    | int           | YES  |     | NULL    |       |
415 | NAME  | varchar(30)   | YES  |     | NULL    |       |
416 | AGE   | int           | YES  |     | NULL    |       |
417 | ADRESS | varchar(50)   | YES  |     | NULL    |       |
418 | SALARY | int           | YES  |     | NULL    |       |
419 +-----+-----+-----+-----+-----+-----+
420 5 rows in set (0.00 sec)
421
422 mysql> select * from customers
423 -> ^C
424 mysql> select * from customers;
425 +-----+-----+-----+-----+-----+-----+
426 | ID | NAME      | AGE | ADRESS | SALARY |
427 +-----+-----+-----+-----+-----+-----+
428 | 1  | Ramesh   | 32  | Ahmedabad | 2000 |
429 | 2  | Huzaif  | 27  | ahmedpur | 20000 |
430 | 3  | zain     | 19  | kota    | 10000 |
431 | 4  | aadil    | 27  | dubai   | 200000 |
432 | 5  | abrar    | 18  | Aurad   | 18000 |
433 | 6  | santosh  | 22  | nagpur  | 150000 |
434 | 7  | Abhishek | 24  | latur   | 100000 |
435 +-----+-----+-----+-----+-----+-----+
436 7 rows in set (0.00 sec)
437
438 mysql> update customers set adress='ahmedpur' where salary=25000;
439 Query OK, 0 rows affected (0.00 sec)
440 Rows matched: 0 Changed: 0 Warnings: 0
441
442 mysql> select * from customers;
443 +-----+-----+-----+-----+-----+-----+
444 | ID | NAME      | AGE | ADRESS | SALARY |
445 +-----+-----+-----+-----+-----+-----+
446 | 1  | Ramesh   | 32  | Ahmedabad | 2000 |
447 | 2  | Huzaif  | 27  | ahmedpur | 20000 |
448 | 3  | zain     | 19  | kota    | 10000 |
449 | 4  | aadil    | 27  | dubai   | 200000 |
450 | 5  | abrar    | 18  | Aurad   | 18000 |
451 | 6  | santosh  | 22  | nagpur  | 150000 |
452 | 7  | Abhishek | 24  | latur   | 100000 |
453 +-----+-----+-----+-----+-----+-----+
454 7 rows in set (0.00 sec)
455
456 mysql> update customers set adress='ahmedpur' where salary=1000;
457 Query OK, 0 rows affected (0.00 sec)
458 Rows matched: 0 Changed: 0 Warnings: 0
459
460 mysql> update customers set adress='ahmedpur', salary=1000;
461 Query OK, 7 rows affected (0.01 sec)
462 Rows matched: 7 Changed: 7 Warnings: 0
463
464 mysql> select * from customers;
465 +-----+-----+-----+-----+-----+-----+
466 | ID | NAME      | AGE | ADRESS | SALARY |
467 +-----+-----+-----+-----+-----+-----+
468 | 1  | Ramesh   | 32  | ahmedpur | 1000 |
469 | 2  | Huzaif  | 27  | ahmedpur | 1000 |
470 | 3  | zain     | 19  | ahmedpur | 1000 |
471 | 4  | aadil    | 27  | ahmedpur | 1000 |

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472 | 5 | abrar | 18 | ahmedpur | 1000 |
473 | 6 | santosh | 22 | ahmedpur | 1000 |
474 | 7 | Abhishek | 24 | ahmedpur | 1000 |
475 +-----+-----+-----+-----+-----+
476 7 rows in set (0.00 sec)
477
478 mysql> select (15+6) As Addition;
479 +-----+
480 | Addition |
481 +-----+
482 | 21 |
483 +-----+
484 1 row in set (0.00 sec)
485
486 mysql> SELECT COUNT(*) AS "RECORDS" FROM CUSTOMERS;
487 +-----+
488 | RECORDS |
489 +-----+
490 | 7 |
491 +-----+
492 1 row in set (0.02 sec)
493
494 mysql> SELECT GETDATE();
495 ERROR 1305 (42000): FUNCTION nit.GETDATE does not exist
496 mysql> SELECT CURRENT_DATE;
497 +-----+
498 | CURRENT_DATE |
499 +-----+
500 | 2025-11-15 |
501 +-----+
502 1 row in set (0.00 sec)
503
504
505 mysql> SELECT CURRENT_TIME;
506 +-----+
507 | CURRENT_TIME |
508 +-----+
509 | 15:38:25 |
510 +-----+
511 1 row in set (0.00 sec)
512
513 mysql> show databases;
514 +-----+
515 | Database |
516 +-----+
517 | information_schema |
518 | mysql |
519 | nit |
520 | performance_schema |
521 | sys |
522 +-----+
523 5 rows in set (0.00 sec)
524 Database changed
525 mysql>

```