

select first\_name, email, phone\_number, hire\_date, department\_id from employees where hire\_date in (select max(hire\_date) from employees);

```
MariaDB [cse370]> select first_name, email, phone_number, hire_date, department_id from employees where hire_date in (select max(hire_date) from employees);
```

first_name	email	phone_number	hire_date	department_id
Myranda	mhaw17@mayoclinic.com	674-642-8059	2022-11-17	11

1 row in set (0.001 sec)

select first\_name, last\_name, employee\_id, phone\_number, salary, department\_id from employees where salary in (select min(salary) from employees group by department\_id);

```
MariaDB [cse370]> select first_name, last_name, employee_id, phone_number, salary, department_id from employees where salary in (select min(salary) from employees group by department_id);
```

first_name	last_name	employee_id	phone_number	salary	department_id
Marion	Nealand	2	853-814-2674	53432	6
Denis	Brecon	6	223-274-3268	45741	12
Tracey	Howsdon	13	301-280-6414	51309	11
Enrichetta	Cansdill	31	543-848-0794	186630	1
Dottie	Diablo	35	993-107-3581	49940	8
Sherri	Karran	48	196-482-2133	46734	9
Chanda	Deeth	69	881-732-5779	64230	5
Marcella	Laurenty	72	391-787-6113	32066	7
Art	Iacobassi	76	932-275-8781	49558	2
LorettaLorna	Muck	77	850-450-5879	97556	4
Patricio	Quadrio	83	695-110-5138	50180	10
Darwin	Shearstone	90	178-816-3548	90079	3

12 rows in set (0.001 sec)

select first\_name, last\_name, employee\_id, commission\_pct, department\_id from employees where commission\_pct < (select min(commission\_pct) from employees where department\_id = 5) and department\_id = 7;

```
MariaDB [cse370]> select first_name, last_name, employee_id, commission_pct, department_id from employees where commission_pct < (select min(commission_pct) from employees where department_id = 5) and department_id = 7;
```

first_name	last_name	employee_id	commission_pct	department_id
Cody	Prout	33	36.980	7
Suzette	Mauchline	86	33.836	7

2 rows in set (0.000 sec)

select count(employee\_id), department\_id, salary from employees group by department\_id having salary > 30000;

```
MariaDB [cse370]> select count(employee_id), department_id, salary from employees group by department_id having salary > 30000;
```

count(employee_id)	department_id	salary
7	1	267453
13	2	234532
3	3	137782
8	4	256431
6	5	85811
4	6	53432
8	7	39189
13	8	203309
10	9	190652
11	10	223414
11	11	51309
6	12	45741

12 rows in set (0.000 sec)

select department\_id, job\_id, commission\_pct from employees where (job\_id, commission\_pct) in (select job\_id, min(commission\_pct) from employees group by department\_id);

```
MariaDB [cse370]> select department_id, job_id, commission_pct from employees where (job_id, commission_pct) in (select job_id, min(commission_pct) from employees group by department_id);
```

department_id	job_id	commission_pct
6	44728	30.120
12	42780	33.419
10	34283	30.373

```
3 rows in set (0.001 sec)
```

select manager\_id from employees where employee\_id in (select employee\_id from employees where salary >3500);

```
MariaDB [cse370]> select manager_id from employees where employee_id in (select employee_id from employees where salary >3500);
```

manager_id
2985
2822
2715
2544
2081
2875
2664
2941
2576
2597
2561
2099
2608
2586
2682
2667
2088
2851
2494
2145
2050
2127
2367
2989
2101
2704
2873
2981
2989

select first\_name, last\_name, employee\_id, email, salary, department\_id, commission\_pct from employees where commission\_pct in (select min(commission\_pct) from employees group by manager\_id);

```
MariaDB [cse370]> select first_name, last_name, employee_id, email, salary, department_id, commission_pct from employees where commission_pct in (select min(commission_pct) from employees group by manager_id);
```

first_name	last_name	employee_id	email	salary	department_id	commission_pct
Shanda	Bushell	1	sbushell0@123-reg.co.uk	234532	2	40.481
Marion	Nealand	2	mnealand1@prnewswire.com	53432	6	30.120
Merline	Austin	4	maustin3@exblog.jp	267453	1	38.379
Gilbertine	Miall	5	gmiall4@zimbio.com	141599	9	45.962
Denis	Brecon	6	dbrecon5@google.ru	45741	12	33.419
Marillin	Tilte	7	mtilte6@rediff.com	84201	9	41.637
Graig	Mooreed	8	gmooreed7@webmd.com	39189	7	44.060
Gilles	Bafford	9	gbafford8@stumbleupon.com	85811	5	41.077
Annabela	O'Grady	10	aogrady9@bbc.co.uk	194020	2	36.973
Domeniga	Winsiowiecki	11	dwinsiowieckia@hugedomains.com	242816	6	46.666
Roderick	Jorio	12	rjoriob@accuweather.com	137782	3	33.302
Tracey	Howsden	13	thowsdenc@nyu.edu	51309	11	48.305
Min	Mabb	14	mmabbd@netlog.com	256431	4	48.484
Sharline	Havoc	15	shavoce@pcworld.com	262827	2	33.406
Jonathon	Pethrick	16	jpethrick@tinyurl.com	223414	10	30.373
Margo	Oake	17	moakeg@ucla.edu	203309	8	35.804
Robbert	Downer	18	rdownerh@ingur.com	273130	1	36.854
Annamarie	Futty	19	afuttyi@clickbank.net	104132	5	37.829
Broderick	Oxe	20	boxej@nifty.com	222174	11	31.049
Nicolea	Zoppie	21	nzoppiek@kickstarter.com	66499	10	38.835
Rayner	Michelin	22	rmichelin@walmart.com	120515	7	43.041
Guenna	Acton	23	gactonm@is.gd	200749	4	31.251
Laurena	Ridings	25	lriddingso@gov.uk	155028	12	49.799
Madalyn	Hebden	26	mhebdenp@youtube.com	252361	1	41.326
Jamil	Simionato	27	jsimionato@theforest.net	168080	2	32.995
Bernie	Proctor	28	bproctorr@blog.com	180188	10	44.343
Rudd	Duling	29	rdulings@guardian.co.uk	157383	11	35.346
Allen	Gailor	30	agailort@sciencedaily.com	130392	11	46.299