Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 8

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| test |

+--------------------+

2 rows in set (0.00 sec)

MariaDB [(none)]> use test;

Database changed

MariaDB [test]> CREATE TABLE IF NOT EXISTS `employees` ( `EMPLOYEE\_ID` decimal(6,0) NOT NULL DEFAULT '0', `FIRST\_NAME` varchar(20) DEFAULT NULL, `LAST\_NAME` varchar(25) NOT NULL, `EMAIL` varchar(25) NOT NULL, `PHONE\_NUMBER` varchar(20) DEFAULT NULL, `HIRE\_DATE` date NOT NULL, `JOB\_ID` varchar(10) NOT NULL, `SALARY` decimal(8,2) DEFAULT NULL, `COMMISSION\_PCT` decimal(2,2) DEFAULT NULL, `MANAGER\_ID` decimal(6,0) DEFAULT NULL, `DEPARTMENT\_ID` decimal(4,0) DEFAULT NULL, PRIMARY KEY (`EMPLOYEE\_ID`), UNIQUE KEY `EMP\_EMAIL\_UK` (`EMAIL`), KEY `EMP\_DEPARTMENT\_IX` (`DEPARTMENT\_ID`), KEY `EMP\_JOB\_IX` (`JOB\_ID`), KEY `EMP\_MANAGER\_IX` (`MANAGER\_ID`), KEY `EMP\_NAME\_IX` (`LAST\_NAME`,`FIRST\_NAME`)) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected, 1 warning (0.00 sec)

MariaDB [test]> INSERT INTO `employees` (`EMPLOYEE\_ID`, `FIRST\_NAME`, `LAST\_NAME`, `EMAIL`, `PHONE\_NUMBER`, `HIRE\_DATE`, `JOB\_ID`, `SALARY`, `COMMISSION\_PCT`, `MANAGER\_ID`, `DEPARTMENT\_ID`) VALUES('100', 'Steven', 'King', 'SKING', '515.123.4567', '1987-06-17', 'AD\_PRES', '24000.00', '0.00', '0', '90'),('101', 'Neena', 'Kochhar', 'NKOCHHAR', '515.123.4568', '1987-06-18', 'AD\_VP', '17000.00', '0.00', '100', '90'),('102', 'Lex', 'De Haan', 'LDEHAAN', '515.123.4569', '1987-06-19', 'AD\_VP', '17000.00', '0.00', '100', '90'),('103', 'Alexander', 'Hunold', 'AHUNOLD', '590.423.4567', '1987-06-20', 'IT\_PROG', '9000.00', '0.00', '102', '60'),('104', 'Bruce', 'Ernst', 'BERNST', '590.423.4568', '1987-06-21', 'IT\_PROG', '6000.00', '0.00', '103', '60'),('105', 'David', 'Austin', 'DAUSTIN', '590.423.4569', '1987-06-22', 'IT\_PROG', '4800.00', '0.00', '103', '60'),('106', 'Valli', 'Pataballa', 'VPATABAL', '590.423.4560', '1987-06-23', 'IT\_PROG', '4800.00', '0.00', '103', '60'),('107', 'Diana', 'Lorentz', 'DLORENTZ', '590.423.5567', '1987-06-24', 'IT\_PROG', '4200.00', '0.00', '103', '60'),('108', 'Nancy', 'Greenberg', 'NGREENBE', '515.124.4569', '1987-06-25', 'FI\_MGR', '12000.00', '0.00', '101', '100'),('109', 'Daniel', 'Faviet', 'DFAVIET', '515.124.4169', '1987-06-26', 'FI\_ACCOUNT', '9000.00', '0.00', '108', '100'),('110', 'John', 'Chen', 'JCHEN', '515.124.4269', '1987-06-27', 'FI\_ACCOUNT', '8200.00', '0.00', '108', '100'),('111', 'Ismael', 'Sciarra', 'ISCIARRA', '515.124.4369', '1987-06-28', 'FI\_ACCOUNT', '7700.00', '0.00', '108', '100'),('112', 'Jose Manuel', 'Urman', 'JMURMAN', '515.124.4469', '1987-06-29', 'FI\_ACCOUNT', '7800.00', '0.00', '108', '100'),('113', 'Luis', 'Popp', 'LPOPP', '515.124.4567', '1987-06-30', 'FI\_ACCOUNT', '6900.00', '0.00', '108', '100'),('114', 'Den', 'Raphaely', 'DRAPHEAL', '515.127.4561', '1987-07-01', 'PU\_MAN', '11000.00', '0.00', '100', '30'),('115', 'Alexander', 'Khoo', 'AKHOO', '515.127.4562', '1987-07-02', 'PU\_CLERK', '3100.00', '0.00', '114', '30'),('116', 'Shelli', 'Baida', 'SBAIDA', '515.127.4563', '1987-07-03', 'PU\_CLERK', '2900.00', '0.00', '114', '30'),('117', 'Sigal', 'Tobias', 'STOBIAS', '515.127.4564', '1987-07-04', 'PU\_CLERK', '2800.00', '0.00', '114', '30'),('118', 'Guy', 'Himuro', 'GHIMURO', '515.127.4565', '1987-07-05', 'PU\_CLERK', '2600.00', '0.00', '114', '30'),('119', 'Karen', 'Colmenares', 'KCOLMENA', '515.127.4566', '1987-07-06', 'PU\_CLERK', '2500.00', '0.00', '114', '30'),('120', 'Matthew', 'Weiss', 'MWEISS', '650.123.1234', '1987-07-07', 'ST\_MAN', '8000.00', '0.00', '100', '50'),('121', 'Adam', 'Fripp', 'AFRIPP', '650.123.2234', '1987-07-08', 'ST\_MAN', '8200.00', '0.00', '100', '50'),('122', 'Payam', 'Kaufling', 'PKAUFLIN', '650.123.3234', '1987-07-09', 'ST\_MAN', '7900.00', '0.00', '100', '50'),('123', 'Shanta', 'Vollman', 'SVOLLMAN', '650.123.4234', '1987-07-10', 'ST\_MAN', '6500.00', '0.00', '100', '50'),('124', 'Kevin', 'Mourgos', 'KMOURGOS', '650.123.5234', '1987-07-11', 'ST\_MAN', '5800.00', '0.00', '100', '50'),('125', 'Julia', 'Nayer', 'JNAYER', '650.124.1214', '1987-07-12', 'ST\_CLERK', '3200.00', '0.00', '120', '50'),('126', 'Irene', 'Mikkilineni', 'IMIKKILI', '650.124.1224', '1987-07-13', 'ST\_CLERK', '2700.00', '0.00', '120', '50'),('127', 'James', 'Landry', 'JLANDRY', '650.124.1334', '1987-07-14', 'ST\_CLERK', '2400.00', '0.00', '120', '50'),('128', 'Steven', 'Markle', 'SMARKLE', '650.124.1434', '1987-07-15', 'ST\_CLERK', '2200.00', '0.00', '120', '50'),('129', 'Laura', 'Bissot', 'LBISSOT', '650.124.5234', '1987-07-16', 'ST\_CLERK', '3300.00', '0.00', '121', '50'),('130', 'Mozhe', 'Atkinson', 'MATKINSO', '650.124.6234', '1987-07-17', 'ST\_CLERK', '2800.00', '0.00', '121', '50'),('131', 'James', 'Marlow', 'JAMRLOW', '650.124.7234', '1987-07-18', 'ST\_CLERK', '2500.00', '0.00', '121', '50'),('132', 'TJ', 'Olson', 'TJOLSON', '650.124.8234', '1987-07-19', 'ST\_CLERK', '2100.00', '0.00', '121', '50'),('133', 'Jason', 'Mallin', 'JMALLIN', '650.127.1934', '1987-07-20', 'ST\_CLERK', '3300.00', '0.00', '122', '50'),('134', 'Michael', 'Rogers', 'MROGERS', '650.127.1834', '1987-07-21', 'ST\_CLERK', '2900.00', '0.00', '122', '50'),('135', 'Ki', 'Gee', 'KGEE', '650.127.1734', '1987-07-22', 'ST\_CLERK', '2400.00', '0.00', '122', '50'),('136', 'Hazel', 'Philtanker', 'HPHILTAN', '650.127.1634', '1987-07-23', 'ST\_CLERK', '2200.00', '0.00', '122', '50'),('137', 'Renske', 'Ladwig', 'RLADWIG', '650.121.1234', '1987-07-24', 'ST\_CLERK', '3600.00', '0.00', '123', '50'),('138', 'Stephen', 'Stiles', 'SSTILES', '650.121.2034', '1987-07-25', 'ST\_CLERK', '3200.00', '0.00', '123', '50'),('139', 'John', 'Seo', 'JSEO', '650.121.2019', '1987-07-26', 'ST\_CLERK', '2700.00', '0.00', '123', '50'),('140', 'Joshua', 'Patel', 'JPATEL', '650.121.1834', '1987-07-27', 'ST\_CLERK', '2500.00', '0.00', '123', '50'),('141', 'Trenna', 'Rajs', 'TRAJS', '650.121.8009', '1987-07-28', 'ST\_CLERK', '3500.00', '0.00', '124', '50'),('142', 'Curtis', 'Davies', 'CDAVIES', '650.121.2994', '1987-07-29', 'ST\_CLERK', '3100.00', '0.00', '124', '50'),('143', 'Randall', 'Matos', 'RMATOS', '650.121.2874', '1987-07-30', 'ST\_CLERK', '2600.00', '0.00', '124', '50'),('144', 'Peter', 'Vargas', 'PVARGAS', '650.121.2004', '1987-07-31', 'ST\_CLERK', '2500.00', '0.00', '124', '50'),('145', 'John', 'Russell', 'JRUSSEL', '011.44.1344.429268', '1987-08-01', 'SA\_MAN', '14000.00', '0.40', '100', '80'),('146', 'Karen', 'Partners', 'KPARTNER', '011.44.1344.467268', '1987-08-02', 'SA\_MAN', '13500.00', '0.30', '100', '80'),('147', 'Alberto', 'Errazuriz', 'AERRAZUR', '011.44.1344.429278', '1987-08-03', 'SA\_MAN', '12000.00', '0.30', '100', '80'),('148', 'Gerald', 'Cambrault', 'GCAMBRAU', '011.44.1344.619268', '1987-08-04', 'SA\_MAN', '11000.00', '0.30', '100', '80'),('149', 'Eleni', 'Zlotkey', 'EZLOTKEY', '011.44.1344.429018', '1987-08-05', 'SA\_MAN', '10500.00', '0.20', '100', '80'),('150', 'Peter', 'Tucker', 'PTUCKER', '011.44.1344.129268', '1987-08-06', 'SA\_REP', '10000.00', '0.30', '145', '80'),('151', 'David', 'Bernstein', 'DBERNSTE', '011.44.1344.345268', '1987-08-07', 'SA\_REP', '9500.00', '0.25', '145', '80'),('152', 'Peter', 'Hall', 'PHALL', '011.44.1344.478968', '1987-08-08', 'SA\_REP', '9000.00', '0.25', '145', '80'),('153', 'Christopher', 'Olsen', 'COLSEN', '011.44.1344.498718', '1987-08-09', 'SA\_REP', '8000.00', '0.20', '145', '80'),('154', 'Nanette', 'Cambrault', 'NCAMBRAU', '011.44.1344.987668', '1987-08-10', 'SA\_REP', '7500.00', '0.20', '145', '80'),('155', 'Oliver', 'Tuvault', 'OTUVAULT', '011.44.1344.486508', '1987-08-11', 'SA\_REP', '7000.00', '0.15', '145', '80'),('156', 'Janette', 'King', 'JKING', '011.44.1345.429268', '1987-08-12', 'SA\_REP', '10000.00', '0.35', '146', '80'),('157', 'Patrick', 'Sully', 'PSULLY', '011.44.1345.929268', '1987-08-13', 'SA\_REP', '9500.00', '0.35', '146', '80'),('158', 'Allan', 'McEwen', 'AMCEWEN', '011.44.1345.829268', '1987-08-14', 'SA\_REP', '9000.00', '0.35', '146', '80'),('159', 'Lindsey', 'Smith', 'LSMITH', '011.44.1345.729268', '1987-08-15', 'SA\_REP', '8000.00', '0.30', '146', '80'),('160', 'Louise', 'Doran', 'LDORAN', '011.44.1345.629268', '1987-08-16', 'SA\_REP', '7500.00', '0.30', '146', '80'),('161', 'Sarath', 'Sewall', 'SSEWALL', '011.44.1345.529268', '1987-08-17', 'SA\_REP', '7000.00', '0.25', '146', '80'),('162', 'Clara', 'Vishney', 'CVISHNEY', '011.44.1346.129268', '1987-08-18', 'SA\_REP', '10500.00', '0.25', '147', '80'),('163', 'Danielle', 'Greene', 'DGREENE', '011.44.1346.229268', '1987-08-19', 'SA\_REP', '9500.00', '0.15', '147', '80'),('164', 'Mattea', 'Marvins', 'MMARVINS', '011.44.1346.329268', '1987-08-20', 'SA\_REP', '7200.00', '0.10', '147', '80'),('165', 'David', 'Lee', 'DLEE', '011.44.1346.529268', '1987-08-21', 'SA\_REP', '6800.00', '0.10', '147', '80'),('166', 'Sundar', 'Ande', 'SANDE', '011.44.1346.629268', '1987-08-22', 'SA\_REP', '6400.00', '0.10', '147', '80'),('167', 'Amit', 'Banda', 'ABANDA', '011.44.1346.729268', '1987-08-23', 'SA\_REP', '6200.00', '0.10', '147', '80'),('168', 'Lisa', 'Ozer', 'LOZER', '011.44.1343.929268', '1987-08-24', 'SA\_REP', '11500.00', '0.25', '148', '80'),('169', 'Harrison', 'Bloom', 'HBLOOM', '011.44.1343.829268', '1987-08-25', 'SA\_REP', '10000.00', '0.20', '148', '80'),('170', 'Tayler', 'Fox', 'TFOX', '011.44.1343.729268', '1987-08-26', 'SA\_REP', '9600.00', '0.20', '148', '80'),('171', 'William', 'Smith', 'WSMITH', '011.44.1343.629268', '1987-08-27', 'SA\_REP', '7400.00', '0.15', '148', '80'),('172', 'Elizabeth', 'Bates', 'EBATES', '011.44.1343.529268', '1987-08-28', 'SA\_REP', '7300.00', '0.15', '148', '80'),('173', 'Sundita', 'Kumar', 'SKUMAR', '011.44.1343.329268', '1987-08-29', 'SA\_REP', '6100.00', '0.10', '148', '80'),('174', 'Ellen', 'Abel', 'EABEL', '011.44.1644.429267', '1987-08-30', 'SA\_REP', '11000.00', '0.30', '149', '80'),('175', 'Alyssa', 'Hutton', 'AHUTTON', '011.44.1644.429266', '1987-08-31', 'SA\_REP', '8800.00', '0.25', '149', '80'),('176', 'Jonathon', 'Taylor', 'JTAYLOR', '011.44.1644.429265', '1987-09-01', 'SA\_REP', '8600.00', '0.20', '149', '80'),('177', 'Jack', 'Livingston', 'JLIVINGS', '011.44.1644.429264', '1987-09-02', 'SA\_REP', '8400.00', '0.20', '149', '80'),('178', 'Kimberely', 'Grant', 'KGRANT', '011.44.1644.429263', '1987-09-03', 'SA\_REP', '7000.00', '0.15', '149', '0'),('179', 'Charles', 'Johnson', 'CJOHNSON', '011.44.1644.429262', '1987-09-04', 'SA\_REP', '6200.00', '0.10', '149', '80'),('180', 'Winston', 'Taylor', 'WTAYLOR', '650.507.9876', '1987-09-05', 'SH\_CLERK', '3200.00', '0.00', '120', '50'),('181', 'Jean', 'Fleaur', 'JFLEAUR', '650.507.9877', '1987-09-06', 'SH\_CLERK', '3100.00', '0.00', '120', '50'),('182', 'Martha', 'Sullivan', 'MSULLIVA', '650.507.9878', '1987-09-07', 'SH\_CLERK', '2500.00', '0.00', '120', '50'),('183', 'Girard', 'Geoni', 'GGEONI', '650.507.9879', '1987-09-08', 'SH\_CLERK', '2800.00', '0.00', '120', '50'),('184', 'Nandita', 'Sarchand', 'NSARCHAN', '650.509.1876', '1987-09-09', 'SH\_CLERK', '4200.00', '0.00', '121', '50'),('185', 'Alexis', 'Bull', 'ABULL', '650.509.2876', '1987-09-10', 'SH\_CLERK', '4100.00', '0.00', '121', '50'),('186', 'Julia', 'Dellinger', 'JDELLING', '650.509.3876', '1987-09-11', 'SH\_CLERK', '3400.00', '0.00', '121', '50'),('187', 'Anthony', 'Cabrio', 'ACABRIO', '650.509.4876', '1987-09-12', 'SH\_CLERK', '3000.00', '0.00', '121', '50'),('188', 'Kelly', 'Chung', 'KCHUNG', '650.505.1876', '1987-09-13', 'SH\_CLERK', '3800.00', '0.00', '122', '50'),('189', 'Jennifer', 'Dilly', 'JDILLY', '650.505.2876', '1987-09-14', 'SH\_CLERK', '3600.00', '0.00', '122', '50'),('190', 'Timothy', 'Gates', 'TGATES', '650.505.3876', '1987-09-15', 'SH\_CLERK', '2900.00', '0.00', '122', '50'),('191', 'Randall', 'Perkins', 'RPERKINS', '650.505.4876', '1987-09-16', 'SH\_CLERK', '2500.00', '0.00', '122', '50'),('192', 'Sarah', 'Bell', 'SBELL', '650.501.1876', '1987-09-17', 'SH\_CLERK', '4000.00', '0.00', '123', '50'),('193', 'Britney', 'Everett', 'BEVERETT', '650.501.2876', '1987-09-18', 'SH\_CLERK', '3900.00', '0.00', '123', '50'),('194', 'Samuel', 'McCain', 'SMCCAIN', '650.501.3876', '1987-09-19', 'SH\_CLERK', '3200.00', '0.00', '123', '50'),('195', 'Vance', 'Jones', 'VJONES', '650.501.4876', '1987-09-20', 'SH\_CLERK', '2800.00', '0.00', '123', '50'),('196', 'Alana', 'Walsh', 'AWALSH', '650.507.9811', '1987-09-21', 'SH\_CLERK', '3100.00', '0.00', '124', '50'),('197', 'Kevin', 'Feeney', 'KFEENEY', '650.507.9822', '1987-09-22', 'SH\_CLERK', '3000.00', '0.00', '124', '50'),('198', 'Donald', 'OConnell', 'DOCONNEL', '650.507.9833', '1987-09-23', 'SH\_CLERK', '2600.00', '0.00', '124', '50'),('199', 'Douglas', 'Grant', 'DGRANT', '650.507.9844', '1987-09-24', 'SH\_CLERK', '2600.00', '0.00', '124', '50'),('200', 'Jennifer', 'Whalen', 'JWHALEN', '515.123.4444', '1987-09-25', 'AD\_ASST', '4400.00', '0.00', '101', '10'),('201', 'Michael', 'Hartstein', 'MHARTSTE', '515.123.5555', '1987-09-26', 'MK\_MAN', '13000.00', '0.00', '100', '20'),('202', 'Pat', 'Fay', 'PFAY', '603.123.6666', '1987-09-27', 'MK\_REP', '6000.00', '0.00', '201', '20'),('203', 'Susan', 'Mavris', 'SMAVRIS', '515.123.7777', '1987-09-28', 'HR\_REP', '6500.00', '0.00', '101', '40'),('204', 'Hermann', 'Baer', 'HBAER', '515.123.8888', '1987-09-29', 'PR\_REP', '10000.00', '0.00', '101', '70'),('205', 'Shelley', 'Higgins', 'SHIGGINS', '515.123.8080', '1987-09-30', 'AC\_MGR', '12000.00', '0.00', '101', '110'),('206', 'William', 'Gietz', 'WGIETZ', '515.123.8181', '1987-10-01', 'AC\_ACCOUNT', '8300.00', '0.00', '205', '110');

ERROR 1062 (23000): Duplicate entry '100' for key 'PRIMARY'

MariaDB [test]> drop table employees;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> show tables;

+----------------+

| Tables\_in\_test |

+----------------+

| countries |

| departments |

| job\_history |

+----------------+

3 rows in set (0.00 sec)

MariaDB [test]> CREATE TABLE IF NOT EXISTS `employees` ( `EMPLOYEE\_ID` decimal(6,0) NOT NULL DEFAULT '0', `FIRST\_NAME` varchar(20) DEFAULT NULL, `LAST\_NAME` varchar(25) NOT NULL, `EMAIL` varchar(25) NOT NULL, `PHONE\_NUMBER` varchar(20) DEFAULT NULL, `HIRE\_DATE` date NOT NULL, `JOB\_ID` varchar(10) NOT NULL, `SALARY` decimal(8,2) DEFAULT NULL, `COMMISSION\_PCT` decimal(2,2) DEFAULT NULL, `MANAGER\_ID` decimal(6,0) DEFAULT NULL, `DEPARTMENT\_ID` decimal(4,0) DEFAULT NULL, PRIMARY KEY (`EMPLOYEE\_ID`), UNIQUE KEY `EMP\_EMAIL\_UK` (`EMAIL`), KEY `EMP\_DEPARTMENT\_IX` (`DEPARTMENT\_ID`), KEY `EMP\_JOB\_IX` (`JOB\_ID`), KEY `EMP\_MANAGER\_IX` (`MANAGER\_ID`), KEY `EMP\_NAME\_IX` (`LAST\_NAME`,`FIRST\_NAME`)) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> INSERT INTO `employees` (`EMPLOYEE\_ID`, `FIRST\_NAME`, `LAST\_NAME`, `EMAIL`, `PHONE\_NUMBER`, `HIRE\_DATE`, `JOB\_ID`, `SALARY`, `COMMISSION\_PCT`, `MANAGER\_ID`, `DEPARTMENT\_ID`) VALUES('100', 'Steven', 'King', 'SKING', '515.123.4567', '1987-06-17', 'AD\_PRES', '24000.00', '0.00', '0', '90'),('101', 'Neena', 'Kochhar', 'NKOCHHAR', '515.123.4568', '1987-06-18', 'AD\_VP', '17000.00', '0.00', '100', '90'),('102', 'Lex', 'De Haan', 'LDEHAAN', '515.123.4569', '1987-06-19', 'AD\_VP', '17000.00', '0.00', '100', '90'),('103', 'Alexander', 'Hunold', 'AHUNOLD', '590.423.4567', '1987-06-20', 'IT\_PROG', '9000.00', '0.00', '102', '60'),('104', 'Bruce', 'Ernst', 'BERNST', '590.423.4568', '1987-06-21', 'IT\_PROG', '6000.00', '0.00', '103', '60'),('105', 'David', 'Austin', 'DAUSTIN', '590.423.4569', '1987-06-22', 'IT\_PROG', '4800.00', '0.00', '103', '60'),('106', 'Valli', 'Pataballa', 'VPATABAL', '590.423.4560', '1987-06-23', 'IT\_PROG', '4800.00', '0.00', '103', '60'),('107', 'Diana', 'Lorentz', 'DLORENTZ', '590.423.5567', '1987-06-24', 'IT\_PROG', '4200.00', '0.00', '103', '60'),('108', 'Nancy', 'Greenberg', 'NGREENBE', '515.124.4569', '1987-06-25', 'FI\_MGR', '12000.00', '0.00', '101', '100'),('109', 'Daniel', 'Faviet', 'DFAVIET', '515.124.4169', '1987-06-26', 'FI\_ACCOUNT', '9000.00', '0.00', '108', '100'),('110', 'John', 'Chen', 'JCHEN', '515.124.4269', '1987-06-27', 'FI\_ACCOUNT', '8200.00', '0.00', '108', '100'),('111', 'Ismael', 'Sciarra', 'ISCIARRA', '515.124.4369', '1987-06-28', 'FI\_ACCOUNT', '7700.00', '0.00', '108', '100'),('112', 'Jose Manuel', 'Urman', 'JMURMAN', '515.124.4469', '1987-06-29', 'FI\_ACCOUNT', '7800.00', '0.00', '108', '100'),('113', 'Luis', 'Popp', 'LPOPP', '515.124.4567', '1987-06-30', 'FI\_ACCOUNT', '6900.00', '0.00', '108', '100'),('114', 'Den', 'Raphaely', 'DRAPHEAL', '515.127.4561', '1987-07-01', 'PU\_MAN', '11000.00', '0.00', '100', '30'),('115', 'Alexander', 'Khoo', 'AKHOO', '515.127.4562', '1987-07-02', 'PU\_CLERK', '3100.00', '0.00', '114', '30'),('116', 'Shelli', 'Baida', 'SBAIDA', '515.127.4563', '1987-07-03', 'PU\_CLERK', '2900.00', '0.00', '114', '30'),('117', 'Sigal', 'Tobias', 'STOBIAS', '515.127.4564', '1987-07-04', 'PU\_CLERK', '2800.00', '0.00', '114', '30'),('118', 'Guy', 'Himuro', 'GHIMURO', '515.127.4565', '1987-07-05', 'PU\_CLERK', '2600.00', '0.00', '114', '30'),('119', 'Karen', 'Colmenares', 'KCOLMENA', '515.127.4566', '1987-07-06', 'PU\_CLERK', '2500.00', '0.00', '114', '30'),('120', 'Matthew', 'Weiss', 'MWEISS', '650.123.1234', '1987-07-07', 'ST\_MAN', '8000.00', '0.00', '100', '50'),('121', 'Adam', 'Fripp', 'AFRIPP', '650.123.2234', '1987-07-08', 'ST\_MAN', '8200.00', '0.00', '100', '50'),('122', 'Payam', 'Kaufling', 'PKAUFLIN', '650.123.3234', '1987-07-09', 'ST\_MAN', '7900.00', '0.00', '100', '50'),('123', 'Shanta', 'Vollman', 'SVOLLMAN', '650.123.4234', '1987-07-10', 'ST\_MAN', '6500.00', '0.00', '100', '50'),('124', 'Kevin', 'Mourgos', 'KMOURGOS', '650.123.5234', '1987-07-11', 'ST\_MAN', '5800.00', '0.00', '100', '50'),('125', 'Julia', 'Nayer', 'JNAYER', '650.124.1214', '1987-07-12', 'ST\_CLERK', '3200.00', '0.00', '120', '50'),('126', 'Irene', 'Mikkilineni', 'IMIKKILI', '650.124.1224', '1987-07-13', 'ST\_CLERK', '2700.00', '0.00', '120', '50'),('127', 'James', 'Landry', 'JLANDRY', '650.124.1334', '1987-07-14', 'ST\_CLERK', '2400.00', '0.00', '120', '50'),('128', 'Steven', 'Markle', 'SMARKLE', '650.124.1434', '1987-07-15', 'ST\_CLERK', '2200.00', '0.00', '120', '50'),('129', 'Laura', 'Bissot', 'LBISSOT', '650.124.5234', '1987-07-16', 'ST\_CLERK', '3300.00', '0.00', '121', '50'),('130', 'Mozhe', 'Atkinson', 'MATKINSO', '650.124.6234', '1987-07-17', 'ST\_CLERK', '2800.00', '0.00', '121', '50'),('131', 'James', 'Marlow', 'JAMRLOW', '650.124.7234', '1987-07-18', 'ST\_CLERK', '2500.00', '0.00', '121', '50'),('132', 'TJ', 'Olson', 'TJOLSON', '650.124.8234', '1987-07-19', 'ST\_CLERK', '2100.00', '0.00', '121', '50'),('133', 'Jason', 'Mallin', 'JMALLIN', '650.127.1934', '1987-07-20', 'ST\_CLERK', '3300.00', '0.00', '122', '50'),('134', 'Michael', 'Rogers', 'MROGERS', '650.127.1834', '1987-07-21', 'ST\_CLERK', '2900.00', '0.00', '122', '50'),('135', 'Ki', 'Gee', 'KGEE', '650.127.1734', '1987-07-22', 'ST\_CLERK', '2400.00', '0.00', '122', '50'),('136', 'Hazel', 'Philtanker', 'HPHILTAN', '650.127.1634', '1987-07-23', 'ST\_CLERK', '2200.00', '0.00', '122', '50'),('137', 'Renske', 'Ladwig', 'RLADWIG', '650.121.1234', '1987-07-24', 'ST\_CLERK', '3600.00', '0.00', '123', '50'),('138', 'Stephen', 'Stiles', 'SSTILES', '650.121.2034', '1987-07-25', 'ST\_CLERK', '3200.00', '0.00', '123', '50'),('139', 'John', 'Seo', 'JSEO', '650.121.2019', '1987-07-26', 'ST\_CLERK', '2700.00', '0.00', '123', '50'),('140', 'Joshua', 'Patel', 'JPATEL', '650.121.1834', '1987-07-27', 'ST\_CLERK', '2500.00', '0.00', '123', '50'),('141', 'Trenna', 'Rajs', 'TRAJS', '650.121.8009', '1987-07-28', 'ST\_CLERK', '3500.00', '0.00', '124', '50'),('142', 'Curtis', 'Davies', 'CDAVIES', '650.121.2994', '1987-07-29', 'ST\_CLERK', '3100.00', '0.00', '124', '50'),('143', 'Randall', 'Matos', 'RMATOS', '650.121.2874', '1987-07-30', 'ST\_CLERK', '2600.00', '0.00', '124', '50'),('144', 'Peter', 'Vargas', 'PVARGAS', '650.121.2004', '1987-07-31', 'ST\_CLERK', '2500.00', '0.00', '124', '50'),('145', 'John', 'Russell', 'JRUSSEL', '011.44.1344.429268', '1987-08-01', 'SA\_MAN', '14000.00', '0.40', '100', '80'),('146', 'Karen', 'Partners', 'KPARTNER', '011.44.1344.467268', '1987-08-02', 'SA\_MAN', '13500.00', '0.30', '100', '80'),('147', 'Alberto', 'Errazuriz', 'AERRAZUR', '011.44.1344.429278', '1987-08-03', 'SA\_MAN', '12000.00', '0.30', '100', '80'),('148', 'Gerald', 'Cambrault', 'GCAMBRAU', '011.44.1344.619268', '1987-08-04', 'SA\_MAN', '11000.00', '0.30', '100', '80'),('149', 'Eleni', 'Zlotkey', 'EZLOTKEY', '011.44.1344.429018', '1987-08-05', 'SA\_MAN', '10500.00', '0.20', '100', '80'),('150', 'Peter', 'Tucker', 'PTUCKER', '011.44.1344.129268', '1987-08-06', 'SA\_REP', '10000.00', '0.30', '145', '80'),('151', 'David', 'Bernstein', 'DBERNSTE', '011.44.1344.345268', '1987-08-07', 'SA\_REP', '9500.00', '0.25', '145', '80'),('152', 'Peter', 'Hall', 'PHALL', '011.44.1344.478968', '1987-08-08', 'SA\_REP', '9000.00', '0.25', '145', '80'),('153', 'Christopher', 'Olsen', 'COLSEN', '011.44.1344.498718', '1987-08-09', 'SA\_REP', '8000.00', '0.20', '145', '80'),('154', 'Nanette', 'Cambrault', 'NCAMBRAU', '011.44.1344.987668', '1987-08-10', 'SA\_REP', '7500.00', '0.20', '145', '80'),('155', 'Oliver', 'Tuvault', 'OTUVAULT', '011.44.1344.486508', '1987-08-11', 'SA\_REP', '7000.00', '0.15', '145', '80'),('156', 'Janette', 'King', 'JKING', '011.44.1345.429268', '1987-08-12', 'SA\_REP', '10000.00', '0.35', '146', '80'),('157', 'Patrick', 'Sully', 'PSULLY', '011.44.1345.929268', '1987-08-13', 'SA\_REP', '9500.00', '0.35', '146', '80'),('158', 'Allan', 'McEwen', 'AMCEWEN', '011.44.1345.829268', '1987-08-14', 'SA\_REP', '9000.00', '0.35', '146', '80'),('159', 'Lindsey', 'Smith', 'LSMITH', '011.44.1345.729268', '1987-08-15', 'SA\_REP', '8000.00', '0.30', '146', '80'),('160', 'Louise', 'Doran', 'LDORAN', '011.44.1345.629268', '1987-08-16', 'SA\_REP', '7500.00', '0.30', '146', '80'),('161', 'Sarath', 'Sewall', 'SSEWALL', '011.44.1345.529268', '1987-08-17', 'SA\_REP', '7000.00', '0.25', '146', '80'),('162', 'Clara', 'Vishney', 'CVISHNEY', '011.44.1346.129268', '1987-08-18', 'SA\_REP', '10500.00', '0.25', '147', '80'),('163', 'Danielle', 'Greene', 'DGREENE', '011.44.1346.229268', '1987-08-19', 'SA\_REP', '9500.00', '0.15', '147', '80'),('164', 'Mattea', 'Marvins', 'MMARVINS', '011.44.1346.329268', '1987-08-20', 'SA\_REP', '7200.00', '0.10', '147', '80'),('165', 'David', 'Lee', 'DLEE', '011.44.1346.529268', '1987-08-21', 'SA\_REP', '6800.00', '0.10', '147', '80'),('166', 'Sundar', 'Ande', 'SANDE', '011.44.1346.629268', '1987-08-22', 'SA\_REP', '6400.00', '0.10', '147', '80'),('167', 'Amit', 'Banda', 'ABANDA', '011.44.1346.729268', '1987-08-23', 'SA\_REP', '6200.00', '0.10', '147', '80'),('168', 'Lisa', 'Ozer', 'LOZER', '011.44.1343.929268', '1987-08-24', 'SA\_REP', '11500.00', '0.25', '148', '80'),('169', 'Harrison', 'Bloom', 'HBLOOM', '011.44.1343.829268', '1987-08-25', 'SA\_REP', '10000.00', '0.20', '148', '80'),('170', 'Tayler', 'Fox', 'TFOX', '011.44.1343.729268', '1987-08-26', 'SA\_REP', '9600.00', '0.20', '148', '80'),('171', 'William', 'Smith', 'WSMITH', '011.44.1343.629268', '1987-08-27', 'SA\_REP', '7400.00', '0.15', '148', '80'),('172', 'Elizabeth', 'Bates', 'EBATES', '011.44.1343.529268', '1987-08-28', 'SA\_REP', '7300.00', '0.15', '148', '80'),('173', 'Sundita', 'Kumar', 'SKUMAR', '011.44.1343.329268', '1987-08-29', 'SA\_REP', '6100.00', '0.10', '148', '80'),('174', 'Ellen', 'Abel', 'EABEL', '011.44.1644.429267', '1987-08-30', 'SA\_REP', '11000.00', '0.30', '149', '80'),('175', 'Alyssa', 'Hutton', 'AHUTTON', '011.44.1644.429266', '1987-08-31', 'SA\_REP', '8800.00', '0.25', '149', '80'),('176', 'Jonathon', 'Taylor', 'JTAYLOR', '011.44.1644.429265', '1987-09-01', 'SA\_REP', '8600.00', '0.20', '149', '80'),('177', 'Jack', 'Livingston', 'JLIVINGS', '011.44.1644.429264', '1987-09-02', 'SA\_REP', '8400.00', '0.20', '149', '80'),('178', 'Kimberely', 'Grant', 'KGRANT', '011.44.1644.429263', '1987-09-03', 'SA\_REP', '7000.00', '0.15', '149', '0'),('179', 'Charles', 'Johnson', 'CJOHNSON', '011.44.1644.429262', '1987-09-04', 'SA\_REP', '6200.00', '0.10', '149', '80'),('180', 'Winston', 'Taylor', 'WTAYLOR', '650.507.9876', '1987-09-05', 'SH\_CLERK', '3200.00', '0.00', '120', '50'),('181', 'Jean', 'Fleaur', 'JFLEAUR', '650.507.9877', '1987-09-06', 'SH\_CLERK', '3100.00', '0.00', '120', '50'),('182', 'Martha', 'Sullivan', 'MSULLIVA', '650.507.9878', '1987-09-07', 'SH\_CLERK', '2500.00', '0.00', '120', '50'),('183', 'Girard', 'Geoni', 'GGEONI', '650.507.9879', '1987-09-08', 'SH\_CLERK', '2800.00', '0.00', '120', '50'),('184', 'Nandita', 'Sarchand', 'NSARCHAN', '650.509.1876', '1987-09-09', 'SH\_CLERK', '4200.00', '0.00', '121', '50'),('185', 'Alexis', 'Bull', 'ABULL', '650.509.2876', '1987-09-10', 'SH\_CLERK', '4100.00', '0.00', '121', '50'),('186', 'Julia', 'Dellinger', 'JDELLING', '650.509.3876', '1987-09-11', 'SH\_CLERK', '3400.00', '0.00', '121', '50'),('187', 'Anthony', 'Cabrio', 'ACABRIO', '650.509.4876', '1987-09-12', 'SH\_CLERK', '3000.00', '0.00', '121', '50'),('188', 'Kelly', 'Chung', 'KCHUNG', '650.505.1876', '1987-09-13', 'SH\_CLERK', '3800.00', '0.00', '122', '50'),('189', 'Jennifer', 'Dilly', 'JDILLY', '650.505.2876', '1987-09-14', 'SH\_CLERK', '3600.00', '0.00', '122', '50'),('190', 'Timothy', 'Gates', 'TGATES', '650.505.3876', '1987-09-15', 'SH\_CLERK', '2900.00', '0.00', '122', '50'),('191', 'Randall', 'Perkins', 'RPERKINS', '650.505.4876', '1987-09-16', 'SH\_CLERK', '2500.00', '0.00', '122', '50'),('192', 'Sarah', 'Bell', 'SBELL', '650.501.1876', '1987-09-17', 'SH\_CLERK', '4000.00', '0.00', '123', '50'),('193', 'Britney', 'Everett', 'BEVERETT', '650.501.2876', '1987-09-18', 'SH\_CLERK', '3900.00', '0.00', '123', '50'),('194', 'Samuel', 'McCain', 'SMCCAIN', '650.501.3876', '1987-09-19', 'SH\_CLERK', '3200.00', '0.00', '123', '50'),('195', 'Vance', 'Jones', 'VJONES', '650.501.4876', '1987-09-20', 'SH\_CLERK', '2800.00', '0.00', '123', '50'),('196', 'Alana', 'Walsh', 'AWALSH', '650.507.9811', '1987-09-21', 'SH\_CLERK', '3100.00', '0.00', '124', '50'),('197', 'Kevin', 'Feeney', 'KFEENEY', '650.507.9822', '1987-09-22', 'SH\_CLERK', '3000.00', '0.00', '124', '50'),('198', 'Donald', 'OConnell', 'DOCONNEL', '650.507.9833', '1987-09-23', 'SH\_CLERK', '2600.00', '0.00', '124', '50'),('199', 'Douglas', 'Grant', 'DGRANT', '650.507.9844', '1987-09-24', 'SH\_CLERK', '2600.00', '0.00', '124', '50'),('200', 'Jennifer', 'Whalen', 'JWHALEN', '515.123.4444', '1987-09-25', 'AD\_ASST', '4400.00', '0.00', '101', '10'),('201', 'Michael', 'Hartstein', 'MHARTSTE', '515.123.5555', '1987-09-26', 'MK\_MAN', '13000.00', '0.00', '100', '20'),('202', 'Pat', 'Fay', 'PFAY', '603.123.6666', '1987-09-27', 'MK\_REP', '6000.00', '0.00', '201', '20'),('203', 'Susan', 'Mavris', 'SMAVRIS', '515.123.7777', '1987-09-28', 'HR\_REP', '6500.00', '0.00', '101', '40'),('204', 'Hermann', 'Baer', 'HBAER', '515.123.8888', '1987-09-29', 'PR\_REP', '10000.00', '0.00', '101', '70'),('205', 'Shelley', 'Higgins', 'SHIGGINS', '515.123.8080', '1987-09-30', 'AC\_MGR', '12000.00', '0.00', '101', '110'),('206', 'William', 'Gietz', 'WGIETZ', '515.123.8181', '1987-10-01', 'AC\_ACCOUNT', '8300.00', '0.00', '205', '110');

Query OK, 107 rows affected (0.00 sec)

Records: 107 Duplicates: 0 Warnings: 0

MariaDB [test]> CREATE TABLE IF NOT EXISTS `jobs` ( `JOB\_ID` varchar(10) NOT NULL DEFAULT '', `JOB\_TITLE` varchar(35) NOT NULL, `MIN\_SALARY` decimal(6,0) DEFAULT NULL, `MAX\_SALARY` decimal(6,0) DEFAULT NULL, PRIMARY KEY (`JOB\_ID`)) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> INSERT INTO `jobs` (`JOB\_ID`, `JOB\_TITLE`, `MIN\_SALARY`, `MAX\_SALARY`) VALUES('AD\_PRES', 'President', '20000', '40000'),('AD\_VP', 'Administration Vice President', '15000', '30000'),('AD\_ASST', 'Administration Assistant', '3000', '6000'),('FI\_MGR', 'Finance Manager', '8200', '16000'),('FI\_ACCOUNT', 'Accountant', '4200', '9000'),('AC\_MGR', 'Accounting Manager', '8200', '16000'),('AC\_ACCOUNT', 'Public Accountant', '4200', '9000'),('SA\_MAN', 'Sales Manager', '10000', '20000'),('SA\_REP', 'Sales Representative', '6000', '12000'),('PU\_MAN', 'Purchasing Manager', '8000', '15000'),('PU\_CLERK', 'Purchasing Clerk', '2500', '5500'),('ST\_MAN', 'Stock Manager', '5500', '8500'),('ST\_CLERK', 'Stock Clerk', '2000', '5000'),('SH\_CLERK', 'Shipping Clerk', '2500', '5500'),('IT\_PROG', 'Programmer', '4000', '10000'),('MK\_MAN', 'Marketing Manager', '9000', '15000'),('MK\_REP', 'Marketing Representative', '4000', '9000'),('HR\_REP', 'Human Resources Representative', '4000', '9000'),('PR\_REP', 'Public Relations Representative', '4500', '10500');

Query OK, 19 rows affected (0.01 sec)

Records: 19 Duplicates: 0 Warnings: 0

MariaDB [test]> CREATE TABLE IF NOT EXISTS `locations` ( `LOCATION\_ID` decimal(4,0) NOT NULL DEFAULT '0', `STREET\_ADDRESS` varchar(40) DEFAULT NULL, `POSTAL\_CODE` varchar(12) DEFAULT NULL, `CITY` varchar(30) NOT NULL, `STATE\_PROVINCE` varchar(25) DEFAULT NULL, `COUNTRY\_ID` varchar(2) DEFAULT NULL, PRIMARY KEY (`LOCATION\_ID`), KEY `LOC\_CITY\_IX` (`CITY`), KEY `LOC\_COUNTRY\_IX` (`COUNTRY\_ID`), KEY `LOC\_STATE\_PROVINCE\_IX` (`STATE\_PROVINCE`)) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> INSERT INTO `locations` (`LOCATION\_ID`, `STREET\_ADDRESS`, `POSTAL\_CODE`, `CITY`, `STATE\_PROVINCE`, `COUNTRY\_ID`) VALUES('1000', '1297 Via Cola di Rie', '989', 'Roma', '', 'IT'),('1100', '93091 Calle della Testa', '10934', 'Venice', '', 'IT'),('1200', '2017 Shinjuku-ku', '1689', 'Tokyo', 'Tokyo Prefecture', 'JP'),('1300', '9450 Kamiya-cho', '6823', 'Hiroshima', '', 'JP'),('1400', '2014 Jabberwocky Rd', '26192', 'Southlake', 'Texas', 'US'),('1500', '2011 Interiors Blvd', '99236', 'South San Francisco', 'California', 'US'),('1600', '2007 Zagora St', '50090', 'South Brunswick', 'New Jersey', 'US'),('1700', '2004 Charade Rd', '98199', 'Seattle', 'Washington', 'US'),('1800', '147 Spadina Ave', 'M5V 2L7', 'Toronto', 'Ontario', 'CA'),('1900', '6092 Boxwood St', 'YSW 9T2', 'Whitehorse', 'Yukon', 'CA'),('2000', '40-5-12 Laogianggen', '190518', 'Beijing', '', 'CN'),('2100', '1298 Vileparle (E)', '490231', 'Bombay', 'Maharashtra', 'IN'),('2200', '12-98 Victoria Street', '2901', 'Sydney', 'New South Wales', 'AU'),('2300', '198 Clementi North', '540198', 'Singapore', '', 'SG'),('2400', '8204 Arthur St', '', 'London', '', 'UK'),('2500', '"Magdalen Centre', ' The Oxford ', 'OX9 9ZB', 'Oxford', 'Ox'),('2600', '9702 Chester Road', '9629850293', 'Stretford', 'Manchester', 'UK'),('2700', 'Schwanthalerstr. 7031', '80925', 'Munich', 'Bavaria', 'DE'),('2800', 'Rua Frei Caneca 1360', '01307-002', 'Sao Paulo', 'Sao Paulo', 'BR'),('2900', '20 Rue des Corps-Saints', '1730', 'Geneva', 'Geneve', 'CH'),('3000', 'Murtenstrasse 921', '3095', 'Bern', 'BE', 'CH'),('3100', 'Pieter Breughelstraat 837', '3029SK', 'Utrecht', 'Utrecht', 'NL'),('3200', 'Mariano Escobedo 9991', '11932', 'Mexico City', '"Distrito Federal', '"');

Query OK, 23 rows affected (0.00 sec)

Records: 23 Duplicates: 0 Warnings: 0

MariaDB [test]> CREATE TABLE IF NOT EXISTS `regions` ( `REGION\_ID` decimal(5,0) NOT NULL, `REGION\_NAME` varchar(25) DEFAULT NULL, PRIMARY KEY (`REGION\_ID`), UNIQUE KEY `sss` (`REGION\_NAME`)) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> INSERT INTO `regions` (`REGION\_ID`, `REGION\_NAME`) VALUES('1', 'Europe\r'),('2', 'Americas\r'),('3', 'Asia\r'),('4', 'Middle East and Africa\r');

Query OK, 4 rows affected (0.00 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [test]> show tables;

+----------------+

| Tables\_in\_test |

+----------------+

| countries |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| regions |

+----------------+

7 rows in set (0.00 sec)

MariaDB [test]> select manager\_id from employees;

+------------+

| manager\_id |

+------------+

| 0 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 100 |

| 101 |

| 101 |

| 101 |

| 101 |

| 101 |

| 102 |

| 103 |

| 103 |

| 103 |

| 103 |

| 108 |

| 108 |

| 108 |

| 108 |

| 108 |

| 114 |

| 114 |

| 114 |

| 114 |

| 114 |

| 120 |

| 120 |

| 120 |

| 120 |

| 120 |

| 120 |

| 120 |

| 120 |

| 121 |

| 121 |

| 121 |

| 121 |

| 121 |

| 121 |

| 121 |

| 121 |

| 122 |

| 122 |

| 122 |

| 122 |

| 122 |

| 122 |

| 122 |

| 122 |

| 123 |

| 123 |

| 123 |

| 123 |

| 123 |

| 123 |

| 123 |

| 123 |

| 124 |

| 124 |

| 124 |

| 124 |

| 124 |

| 124 |

| 124 |

| 124 |

| 145 |

| 145 |

| 145 |

| 145 |

| 145 |

| 145 |

| 146 |

| 146 |

| 146 |

| 146 |

| 146 |

| 146 |

| 147 |

| 147 |

| 147 |

| 147 |

| 147 |

| 147 |

| 148 |

| 148 |

| 148 |

| 148 |

| 148 |

| 148 |

| 149 |

| 149 |

| 149 |

| 149 |

| 149 |

| 149 |

| 201 |

| 205 |

+------------+

107 rows in set (0.00 sec)

MariaDB [test]> select \*from employees where manager\_id = employees\_id;

ERROR 1054 (42S22): Unknown column 'employees\_id' in 'where clause'

MariaDB [test]> select first\_name, last\_name from employees where employee\_id in (select manager\_id from employees);

+------------+-----------+

| first\_name | last\_name |

+------------+-----------+

| Steven | King |

| Neena | Kochhar |

| Lex | De Haan |

| Alexander | Hunold |

| Nancy | Greenberg |

| Den | Raphaely |

| Matthew | Weiss |

| Adam | Fripp |

| Payam | Kaufling |

| Shanta | Vollman |

| Kevin | Mourgos |

| John | Russell |

| Karen | Partners |

| Alberto | Errazuriz |

| Gerald | Cambrault |

| Eleni | Zlotkey |

| Michael | Hartstein |

| Shelley | Higgins |

+------------+-----------+

18 rows in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name from employees where employee\_id in (select manager\_id from employeesgroup by manager\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'by manager\_id)' at line 1

MariaDB [test]> select avg(salary) from employees;

+-------------+

| avg(salary) |

+-------------+

| 6461.682243 |

+-------------+

1 row in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name,

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '' at line 1

MariaDB [test]> select first\_name, last\_name, salary from employees where salary > (select avg(salary) from employees);

+-------------+------------+----------+

| first\_name | last\_name | salary |

+-------------+------------+----------+

| Steven | King | 24000.00 |

| Neena | Kochhar | 17000.00 |

| Lex | De Haan | 17000.00 |

| Alexander | Hunold | 9000.00 |

| Nancy | Greenberg | 12000.00 |

| Daniel | Faviet | 9000.00 |

| John | Chen | 8200.00 |

| Ismael | Sciarra | 7700.00 |

| Jose Manuel | Urman | 7800.00 |

| Luis | Popp | 6900.00 |

| Den | Raphaely | 11000.00 |

| Matthew | Weiss | 8000.00 |

| Adam | Fripp | 8200.00 |

| Payam | Kaufling | 7900.00 |

| Shanta | Vollman | 6500.00 |

| John | Russell | 14000.00 |

| Karen | Partners | 13500.00 |

| Alberto | Errazuriz | 12000.00 |

| Gerald | Cambrault | 11000.00 |

| Eleni | Zlotkey | 10500.00 |

| Peter | Tucker | 10000.00 |

| David | Bernstein | 9500.00 |

| Peter | Hall | 9000.00 |

| Christopher | Olsen | 8000.00 |

| Nanette | Cambrault | 7500.00 |

| Oliver | Tuvault | 7000.00 |

| Janette | King | 10000.00 |

| Patrick | Sully | 9500.00 |

| Allan | McEwen | 9000.00 |

| Lindsey | Smith | 8000.00 |

| Louise | Doran | 7500.00 |

| Sarath | Sewall | 7000.00 |

| Clara | Vishney | 10500.00 |

| Danielle | Greene | 9500.00 |

| Mattea | Marvins | 7200.00 |

| David | Lee | 6800.00 |

| Lisa | Ozer | 11500.00 |

| Harrison | Bloom | 10000.00 |

| Tayler | Fox | 9600.00 |

| William | Smith | 7400.00 |

| Elizabeth | Bates | 7300.00 |

| Ellen | Abel | 11000.00 |

| Alyssa | Hutton | 8800.00 |

| Jonathon | Taylor | 8600.00 |

| Jack | Livingston | 8400.00 |

| Kimberely | Grant | 7000.00 |

| Michael | Hartstein | 13000.00 |

| Susan | Mavris | 6500.00 |

| Hermann | Baer | 10000.00 |

| Shelley | Higgins | 12000.00 |

| William | Gietz | 8300.00 |

+-------------+------------+----------+

51 rows in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name, salary from employees where salary = (select min(salary) from employees);

+------------+-----------+---------+

| first\_name | last\_name | salary |

+------------+-----------+---------+

| TJ | Olson | 2100.00 |

+------------+-----------+---------+

1 row in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name, salary from employees where salary = (select min(salary) from jobs where employees.jobs\_id = jobs.job\_id);

ERROR 1054 (42S22): Unknown column 'employees.jobs\_id' in 'where clause'

MariaDB [test]> select first\_name, last\_name, salary

-> FROM employees

-> WHERE employees.salary (select min\_salary

-> FROM jobs

-> WHERE employees.jobs\_id = jobs.job\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'select min\_salary

FROM jobs

WHERE employees.jobs\_id = jobs.job\_id)' at line 3

MariaDB [test]> select first\_name, last\_name, salary

-> -> FROM employees

-> -> WHERE employees.salary (select min\_salary

-> -> FROM jobs

-> WHERE (employees.jobs\_id = jobs.job\_id));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '> FROM employees

-> WHERE employees.salary (select min\_salary

-> FROM jo' at line 2

MariaDB [test]> select first\_name, last\_name, salary

-> FROM employees

-> WHERE salary > (select salary FROM employees

-> WHERE last\_name = 'bell')

-> ORDER BY first\_name;

+-------------+------------+----------+

| first\_name | last\_name | salary |

+-------------+------------+----------+

| Adam | Fripp | 8200.00 |

| Alberto | Errazuriz | 12000.00 |

| Alexander | Hunold | 9000.00 |

| Alexis | Bull | 4100.00 |

| Allan | McEwen | 9000.00 |

| Alyssa | Hutton | 8800.00 |

| Amit | Banda | 6200.00 |

| Bruce | Ernst | 6000.00 |

| Charles | Johnson | 6200.00 |

| Christopher | Olsen | 8000.00 |

| Clara | Vishney | 10500.00 |

| Daniel | Faviet | 9000.00 |

| Danielle | Greene | 9500.00 |

| David | Lee | 6800.00 |

| David | Austin | 4800.00 |

| David | Bernstein | 9500.00 |

| Den | Raphaely | 11000.00 |

| Diana | Lorentz | 4200.00 |

| Eleni | Zlotkey | 10500.00 |

| Elizabeth | Bates | 7300.00 |

| Ellen | Abel | 11000.00 |

| Gerald | Cambrault | 11000.00 |

| Harrison | Bloom | 10000.00 |

| Hermann | Baer | 10000.00 |

| Ismael | Sciarra | 7700.00 |

| Jack | Livingston | 8400.00 |

| Janette | King | 10000.00 |

| Jennifer | Whalen | 4400.00 |

| John | Russell | 14000.00 |

| John | Chen | 8200.00 |

| Jonathon | Taylor | 8600.00 |

| Jose Manuel | Urman | 7800.00 |

| Karen | Partners | 13500.00 |

| Kevin | Mourgos | 5800.00 |

| Kimberely | Grant | 7000.00 |

| Lex | De Haan | 17000.00 |

| Lindsey | Smith | 8000.00 |

| Lisa | Ozer | 11500.00 |

| Louise | Doran | 7500.00 |

| Luis | Popp | 6900.00 |

| Mattea | Marvins | 7200.00 |

| Matthew | Weiss | 8000.00 |

| Michael | Hartstein | 13000.00 |

| Nancy | Greenberg | 12000.00 |

| Nandita | Sarchand | 4200.00 |

| Nanette | Cambrault | 7500.00 |

| Neena | Kochhar | 17000.00 |

| Oliver | Tuvault | 7000.00 |

| Pat | Fay | 6000.00 |

| Patrick | Sully | 9500.00 |

| Payam | Kaufling | 7900.00 |

| Peter | Hall | 9000.00 |

| Peter | Tucker | 10000.00 |

| Sarath | Sewall | 7000.00 |

| Shanta | Vollman | 6500.00 |

| Shelley | Higgins | 12000.00 |

| Steven | King | 24000.00 |

| Sundar | Ande | 6400.00 |

| Sundita | Kumar | 6100.00 |

| Susan | Mavris | 6500.00 |

| Tayler | Fox | 9600.00 |

| Valli | Pataballa | 4800.00 |

| William | Smith | 7400.00 |

| William | Gietz | 8300.00 |

+-------------+------------+----------+

64 rows in set (0.00 sec)

MariaDB [test]> select avg(salary) from employees;

+-------------+

| avg(salary) |

+-------------+

| 6461.682243 |

+-------------+

1 row in set (0.00 sec)

MariaDB [test]> desc employees;

ERROR 1 (HY000): Can't create/write to file 'C:\xampp\tmp\#sql25a0\_8\_4.MAI' (Errcode: 22 "Invalid argument")

MariaDB [test]> select avg(salary), department\_id from employees group by department\_id;

+--------------+---------------+

| avg(salary) | department\_id |

+--------------+---------------+

| 7000.000000 | 0 |

| 4400.000000 | 10 |

| 9500.000000 | 20 |

| 4150.000000 | 30 |

| 6500.000000 | 40 |

| 3475.555556 | 50 |

| 5760.000000 | 60 |

| 10000.000000 | 70 |

| 8955.882353 | 80 |

| 19333.333333 | 90 |

| 8600.000000 | 100 |

| 10150.000000 | 110 |

+--------------+---------------+

12 rows in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name, salary from employees where salary in (select avg(salary) from employees group by department\_id;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '' at line 1

MariaDB [test]> select first\_name, last\_name, salary from employees where salary > all (select avg(salary) from employees group by department\_id);

+------------+-----------+----------+

| first\_name | last\_name | salary |

+------------+-----------+----------+

| Steven | King | 24000.00 |

+------------+-----------+----------+

1 row in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name, salary from employees where salary = all (select min(salary) from employees group by department\_id);

Empty set (0.00 sec)

MariaDB [test]> select first\_name, last\_name, salary from employees where salary = all (select avg(salary) from employees group by department\_id);

Empty set (0.01 sec)

MariaDB [test]> select first\_name, last\_name, salary from employees where salary = any (select avg(salary) from employees group by department\_id);

+------------+-----------+----------+

| first\_name | last\_name | salary |

+------------+-----------+----------+

| Shanta | Vollman | 6500.00 |

| Peter | Tucker | 10000.00 |

| David | Bernstein | 9500.00 |

| Oliver | Tuvault | 7000.00 |

| Janette | King | 10000.00 |

| Patrick | Sully | 9500.00 |

| Sarath | Sewall | 7000.00 |

| Danielle | Greene | 9500.00 |

| Harrison | Bloom | 10000.00 |

| Jonathon | Taylor | 8600.00 |

| Kimberely | Grant | 7000.00 |

| Jennifer | Whalen | 4400.00 |

| Susan | Mavris | 6500.00 |

| Hermann | Baer | 10000.00 |

+------------+-----------+----------+

14 rows in set (0.00 sec)

MariaDB [test]> select first\_name, last\_name, job\_id, salary from employees where salary > all (select salary from employees where job\_id = 'SH\_CLERK' order by salary);

+-------------+------------+------------+----------+

| first\_name | last\_name | job\_id | salary |

+-------------+------------+------------+----------+

| Steven | King | AD\_PRES | 24000.00 |

| Neena | Kochhar | AD\_VP | 17000.00 |

| Lex | De Haan | AD\_VP | 17000.00 |

| Alexander | Hunold | IT\_PROG | 9000.00 |

| Bruce | Ernst | IT\_PROG | 6000.00 |

| David | Austin | IT\_PROG | 4800.00 |

| Valli | Pataballa | IT\_PROG | 4800.00 |

| Nancy | Greenberg | FI\_MGR | 12000.00 |

| Daniel | Faviet | FI\_ACCOUNT | 9000.00 |

| John | Chen | FI\_ACCOUNT | 8200.00 |

| Ismael | Sciarra | FI\_ACCOUNT | 7700.00 |

| Jose Manuel | Urman | FI\_ACCOUNT | 7800.00 |

| Luis | Popp | FI\_ACCOUNT | 6900.00 |

| Den | Raphaely | PU\_MAN | 11000.00 |

| Matthew | Weiss | ST\_MAN | 8000.00 |

| Adam | Fripp | ST\_MAN | 8200.00 |

| Payam | Kaufling | ST\_MAN | 7900.00 |

| Shanta | Vollman | ST\_MAN | 6500.00 |

| Kevin | Mourgos | ST\_MAN | 5800.00 |

| John | Russell | SA\_MAN | 14000.00 |

| Karen | Partners | SA\_MAN | 13500.00 |

| Alberto | Errazuriz | SA\_MAN | 12000.00 |

| Gerald | Cambrault | SA\_MAN | 11000.00 |

| Eleni | Zlotkey | SA\_MAN | 10500.00 |

| Peter | Tucker | SA\_REP | 10000.00 |

| David | Bernstein | SA\_REP | 9500.00 |

| Peter | Hall | SA\_REP | 9000.00 |

| Christopher | Olsen | SA\_REP | 8000.00 |

| Nanette | Cambrault | SA\_REP | 7500.00 |

| Oliver | Tuvault | SA\_REP | 7000.00 |

| Janette | King | SA\_REP | 10000.00 |

| Patrick | Sully | SA\_REP | 9500.00 |

| Allan | McEwen | SA\_REP | 9000.00 |

| Lindsey | Smith | SA\_REP | 8000.00 |

| Louise | Doran | SA\_REP | 7500.00 |

| Sarath | Sewall | SA\_REP | 7000.00 |

| Clara | Vishney | SA\_REP | 10500.00 |

| Danielle | Greene | SA\_REP | 9500.00 |

| Mattea | Marvins | SA\_REP | 7200.00 |

| David | Lee | SA\_REP | 6800.00 |

| Sundar | Ande | SA\_REP | 6400.00 |

| Amit | Banda | SA\_REP | 6200.00 |

| Lisa | Ozer | SA\_REP | 11500.00 |

| Harrison | Bloom | SA\_REP | 10000.00 |

| Tayler | Fox | SA\_REP | 9600.00 |

| William | Smith | SA\_REP | 7400.00 |

| Elizabeth | Bates | SA\_REP | 7300.00 |

| Sundita | Kumar | SA\_REP | 6100.00 |

| Ellen | Abel | SA\_REP | 11000.00 |

| Alyssa | Hutton | SA\_REP | 8800.00 |

| Jonathon | Taylor | SA\_REP | 8600.00 |

| Jack | Livingston | SA\_REP | 8400.00 |

| Kimberely | Grant | SA\_REP | 7000.00 |

| Charles | Johnson | SA\_REP | 6200.00 |

| Jennifer | Whalen | AD\_ASST | 4400.00 |

| Michael | Hartstein | MK\_MAN | 13000.00 |

| Pat | Fay | MK\_REP | 6000.00 |

| Susan | Mavris | HR\_REP | 6500.00 |

| Hermann | Baer | PR\_REP | 10000.00 |

| Shelley | Higgins | AC\_MGR | 12000.00 |

| William | Gietz | AC\_ACCOUNT | 8300.00 |

+-------------+------------+------------+----------+

61 rows in set (0.02 sec)

MariaDB [test]> select b.first\_name, b.last\_name, from employees b where not exits (select 'x' from employees a where a.manager\_id = b.employee\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employees b where not exits (select 'x' from employees a where a.manager\_id' at line 1

MariaDB [test]> select b.first\_name, b.last\_name, from employees b where not exits (select 'x' from employees a where a.manager\_id = b.employee\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employees b where not exits (select 'x' from employees a where a.manager\_id' at line 1

MariaDB [test]> select b.first\_name, b.last\_name, from employees where b NOT EXITS (select 'X' from employees a where a.manager\_id = b.employee\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employees where b NOT EXITS (select 'X' from employees a where a.manager\_' at line 1

MariaDB [test]> select 'X' from employees;

+---+

| X |

+---+

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

| X |

+---+

107 rows in set (0.00 sec)

MariaDB [test]> select b.first\_name,b.last\_name from employees b where b not exits ( select 'x' from employees a where a.manager\_id = b.employee\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'exits ( select 'x' from employees a where a.manager\_id = b.employee\_id)' at line 1

MariaDB [test]> select employee\_id, first\_name, last\_name, (select department\_name from departments d where e.department\_id = d.department\_id) department from employees e order by department;

+-------------+-------------+-------------+------------------+

| employee\_id | first\_name | last\_name | department |

+-------------+-------------+-------------+------------------+

| 178 | Kimberely | Grant | NULL |

| 205 | Shelley | Higgins | Accounting |

| 206 | William | Gietz | Accounting |

| 200 | Jennifer | Whalen | Administration |

| 100 | Steven | King | Executive |

| 102 | Lex | De Haan | Executive |

| 101 | Neena | Kochhar | Executive |

| 112 | Jose Manuel | Urman | Finance |

| 113 | Luis | Popp | Finance |

| 111 | Ismael | Sciarra | Finance |

| 110 | John | Chen | Finance |

| 109 | Daniel | Faviet | Finance |

| 108 | Nancy | Greenberg | Finance |

| 203 | Susan | Mavris | Human Resources |

| 103 | Alexander | Hunold | IT |

| 104 | Bruce | Ernst | IT |

| 105 | David | Austin | IT |

| 107 | Diana | Lorentz | IT |

| 106 | Valli | Pataballa | IT |

| 202 | Pat | Fay | Marketing |

| 201 | Michael | Hartstein | Marketing |

| 204 | Hermann | Baer | Public Relations |

| 118 | Guy | Himuro | Purchasing |

| 114 | Den | Raphaely | Purchasing |

| 115 | Alexander | Khoo | Purchasing |

| 116 | Shelli | Baida | Purchasing |

| 117 | Sigal | Tobias | Purchasing |

| 119 | Karen | Colmenares | Purchasing |

| 163 | Danielle | Greene | Sales |

| 162 | Clara | Vishney | Sales |

| 161 | Sarath | Sewall | Sales |

| 160 | Louise | Doran | Sales |

| 159 | Lindsey | Smith | Sales |

| 158 | Allan | McEwen | Sales |

| 157 | Patrick | Sully | Sales |

| 156 | Janette | King | Sales |

| 155 | Oliver | Tuvault | Sales |

| 154 | Nanette | Cambrault | Sales |

| 153 | Christopher | Olsen | Sales |

| 164 | Mattea | Marvins | Sales |

| 165 | David | Lee | Sales |

| 167 | Amit | Banda | Sales |

| 177 | Jack | Livingston | Sales |

| 176 | Jonathon | Taylor | Sales |

| 175 | Alyssa | Hutton | Sales |

| 174 | Ellen | Abel | Sales |

| 173 | Sundita | Kumar | Sales |

| 172 | Elizabeth | Bates | Sales |

| 171 | William | Smith | Sales |

| 170 | Tayler | Fox | Sales |

| 169 | Harrison | Bloom | Sales |

| 168 | Lisa | Ozer | Sales |

| 179 | Charles | Johnson | Sales |

| 152 | Peter | Hall | Sales |

| 145 | John | Russell | Sales |

| 146 | Karen | Partners | Sales |

| 147 | Alberto | Errazuriz | Sales |

| 148 | Gerald | Cambrault | Sales |

| 149 | Eleni | Zlotkey | Sales |

| 150 | Peter | Tucker | Sales |

| 151 | David | Bernstein | Sales |

| 166 | Sundar | Ande | Sales |

| 194 | Samuel | McCain | Shipping |

| 193 | Britney | Everett | Shipping |

| 192 | Sarah | Bell | Shipping |

| 191 | Randall | Perkins | Shipping |

| 190 | Timothy | Gates | Shipping |

| 189 | Jennifer | Dilly | Shipping |

| 188 | Kelly | Chung | Shipping |

| 187 | Anthony | Cabrio | Shipping |

| 186 | Julia | Dellinger | Shipping |

| 195 | Vance | Jones | Shipping |

| 196 | Alana | Walsh | Shipping |

| 197 | Kevin | Feeney | Shipping |

| 180 | Winston | Taylor | Shipping |

| 120 | Matthew | Weiss | Shipping |

| 121 | Adam | Fripp | Shipping |

| 122 | Payam | Kaufling | Shipping |

| 123 | Shanta | Vollman | Shipping |

| 124 | Kevin | Mourgos | Shipping |

| 125 | Julia | Nayer | Shipping |

| 199 | Douglas | Grant | Shipping |

| 198 | Donald | OConnell | Shipping |

| 185 | Alexis | Bull | Shipping |

| 184 | Nandita | Sarchand | Shipping |

| 183 | Girard | Geoni | Shipping |

| 135 | Ki | Gee | Shipping |

| 136 | Hazel | Philtanker | Shipping |

| 137 | Renske | Ladwig | Shipping |

| 138 | Stephen | Stiles | Shipping |

| 139 | John | Seo | Shipping |

| 140 | Joshua | Patel | Shipping |

| 141 | Trenna | Rajs | Shipping |

| 142 | Curtis | Davies | Shipping |

| 143 | Randall | Matos | Shipping |

| 134 | Michael | Rogers | Shipping |

| 133 | Jason | Mallin | Shipping |

| 182 | Martha | Sullivan | Shipping |

| 181 | Jean | Fleaur | Shipping |

| 126 | Irene | Mikkilineni | Shipping |

| 127 | James | Landry | Shipping |

| 128 | Steven | Markle | Shipping |

| 129 | Laura | Bissot | Shipping |

| 130 | Mozhe | Atkinson | Shipping |

| 131 | James | Marlow | Shipping |

| 132 | TJ | Olson | Shipping |

| 144 | Peter | Vargas | Shipping |

+-------------+-------------+-------------+------------------+

107 rows in set (0.00 sec)

MariaDB [test]> select employee\_id, first\_name, last\_name, (select department\_name from departments d where e.department\_id = d.department\_id) department alias from employees e order by department;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'alias from employees e order by department' at line 1

MariaDB [test]> select first\_name, last\_name, salary from employees where salary = all (select avg(salary) from employees);

Empty set (0.00 sec)

MariaDB [test]> select avg(salary) from employees;

+-------------+

| avg(salary) |

+-------------+

| 6461.682243 |

+-------------+

1 row in set (0.00 sec)

MariaDB [test]> select first\_name, employee\_id, from employees as a where salary > (select avg(salary)from employees where department\_id = a.department\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employees as a where salary > (select avg(salary)from employees where depa' at line 1

MariaDB [test]> select first\_name, employee\_id, from employees AS A where salary > (select avg(salary) from employees where department\_id = A.department\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employees AS A where salary > (select avg(salary) from employees where de' at line 1

MariaDB [test]> select first\_name, employee\_id, FROM employees as A WHERE salary > (select avg(salary) from employees WHERE department\_id = A.department\_id);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'FROM employees as A WHERE salary > (select avg(salary) from employees WHERE de' at line 1

MariaDB [test]> set @i = 0;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select i, employee\_id from (select @i := @i + 1 AS i, employee\_id from employees) a where MOD(a.i,2) = 0;

+------+-------------+

| i | employee\_id |

+------+-------------+

| 2 | 101 |

| 4 | 103 |

| 6 | 105 |

| 8 | 107 |

| 10 | 109 |

| 12 | 111 |

| 14 | 113 |

| 16 | 115 |

| 18 | 117 |

| 20 | 119 |

| 22 | 121 |

| 24 | 123 |

| 26 | 125 |

| 28 | 127 |

| 30 | 129 |

| 32 | 131 |

| 34 | 133 |

| 36 | 135 |

| 38 | 137 |

| 40 | 139 |

| 42 | 141 |

| 44 | 143 |

| 46 | 145 |

| 48 | 147 |

| 50 | 149 |

| 52 | 151 |

| 54 | 153 |

| 56 | 155 |

| 58 | 157 |

| 60 | 159 |

| 62 | 161 |

| 64 | 163 |

| 66 | 165 |

| 68 | 167 |

| 70 | 169 |

| 72 | 171 |

| 74 | 173 |

| 76 | 175 |

| 78 | 177 |

| 80 | 179 |

| 82 | 181 |

| 84 | 183 |

| 86 | 185 |

| 88 | 187 |

| 90 | 189 |

| 92 | 191 |

| 94 | 193 |

| 96 | 195 |

| 98 | 197 |

| 100 | 199 |

| 102 | 201 |

| 104 | 203 |

| 106 | 205 |

+------+-------------+

53 rows in set (0.00 sec)

MariaDB [test]> MariaDB [test]> select i, employee\_id from (select @i := @i + 1 AS i, employee\_id from employees) a where MOD(a.i,2) = 1;

+------+-------------+

| i | employee\_id |

+------+-------------+

| 109 | 101 |

| 111 | 103 |

| 113 | 105 |

| 115 | 107 |

| 117 | 109 |

| 119 | 111 |

| 121 | 113 |

| 123 | 115 |

| 125 | 117 |

| 127 | 119 |

| 129 | 121 |

| 131 | 123 |

| 133 | 125 |

| 135 | 127 |

| 137 | 129 |

| 139 | 131 |

| 141 | 133 |

| 143 | 135 |

| 145 | 137 |

| 147 | 139 |

| 149 | 141 |

| 151 | 143 |

| 153 | 145 |

| 155 | 147 |

| 157 | 149 |

| 159 | 151 |

| 161 | 153 |

| 163 | 155 |

| 165 | 157 |

| 167 | 159 |

| 169 | 161 |

| 171 | 163 |

| 173 | 165 |

| 175 | 167 |

| 177 | 169 |

| 179 | 171 |

| 181 | 173 |

| 183 | 175 |

| 185 | 177 |

| 187 | 179 |

| 189 | 181 |

| 191 | 183 |

| 193 | 185 |

| 195 | 187 |

| 197 | 189 |

| 199 | 191 |

| 201 | 193 |

| 203 | 195 |

| 205 | 197 |

| 207 | 199 |

| 209 | 201 |

| 211 | 203 |

| 213 | 205 |

+------+-------------+

53 rows in set (0.00 sec)

MariaDB [test]> set @k = 0;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select i, employee\_id from (select @i := @i + 1 AS i, employee\_id from employees) a where MOD(a.i,2) = 1;

+------+-------------+

| i | employee\_id |

+------+-------------+

| 215 | 100 |

| 217 | 102 |

| 219 | 104 |

| 221 | 106 |

| 223 | 108 |

| 225 | 110 |

| 227 | 112 |

| 229 | 114 |

| 231 | 116 |

| 233 | 118 |

| 235 | 120 |

| 237 | 122 |

| 239 | 124 |

| 241 | 126 |

| 243 | 128 |

| 245 | 130 |

| 247 | 132 |

| 249 | 134 |

| 251 | 136 |

| 253 | 138 |

| 255 | 140 |

| 257 | 142 |

| 259 | 144 |

| 261 | 146 |

| 263 | 148 |

| 265 | 150 |

| 267 | 152 |

| 269 | 154 |

| 271 | 156 |

| 273 | 158 |

| 275 | 160 |

| 277 | 162 |

| 279 | 164 |

| 281 | 166 |

| 283 | 168 |

| 285 | 170 |

| 287 | 172 |

| 289 | 174 |

| 291 | 176 |

| 293 | 178 |

| 295 | 180 |

| 297 | 182 |

| 299 | 184 |

| 301 | 186 |

| 303 | 188 |

| 305 | 190 |

| 307 | 192 |

| 309 | 194 |

| 311 | 196 |

| 313 | 198 |

| 315 | 200 |

| 317 | 202 |

| 319 | 204 |

| 321 | 206 |

+------+-------------+

54 rows in set (0.00 sec)

MariaDB [test]> select distinct salary from employees e1 where 5 = (select count(distinct salary)

-> from employees e2 where employees2.salary >= employees1.salary);

ERROR 1054 (42S22): Unknown column 'employees2.salary' in 'where clause'

MariaDB [test]> select distinct salary from employees;

+----------+

| salary |

+----------+

| 24000.00 |

| 17000.00 |

| 9000.00 |

| 6000.00 |

| 4800.00 |

| 4200.00 |

| 12000.00 |

| 8200.00 |

| 7700.00 |

| 7800.00 |

| 6900.00 |

| 11000.00 |

| 3100.00 |

| 2900.00 |

| 2800.00 |

| 2600.00 |

| 2500.00 |

| 8000.00 |

| 7900.00 |

| 6500.00 |

| 5800.00 |

| 3200.00 |

| 2700.00 |

| 2400.00 |

| 2200.00 |

| 3300.00 |

| 2100.00 |

| 3600.00 |

| 3500.00 |

| 14000.00 |

| 13500.00 |

| 10500.00 |

| 10000.00 |

| 9500.00 |

| 7500.00 |

| 7000.00 |

| 7200.00 |

| 6800.00 |

| 6400.00 |

| 6200.00 |

| 11500.00 |

| 9600.00 |

| 7400.00 |

| 7300.00 |

| 6100.00 |

| 8800.00 |

| 8600.00 |

| 8400.00 |

| 4100.00 |

| 3400.00 |

| 3000.00 |

| 3800.00 |

| 4000.00 |

| 3900.00 |

| 4400.00 |

| 13000.00 |

| 8300.00 |

+----------+

57 rows in set (0.00 sec)

MariaDB [test]> select distinct salary from employees e1 where 5 = (select count(distinct salary) from employees e2 where e2.salary >= e1.salary);

+----------+

| salary |

+----------+

| 13000.00 |

+----------+

1 row in set (0.02 sec)

MariaDB [test]> select distinct salary from employees e1 where 9 = (select count(distinct salary) from employees e2 where e2.salary >= e1.salary);

+----------+

| salary |

+----------+

| 10500.00 |

+----------+

1 row in set (0.00 sec)