684620@128-IMAC08 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 18

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)]> create database PE;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> TEE C:\XAMPP\LOG PE.TXT

Logging to file 'C:\XAMPP\LOG PE.TXT'

MariaDB [(none)]> USE PE;

Database changed

MariaDB [PE]> create table AC\_MAST(

-> AC\_TYPE VARCHAR(3),

-> AC\_NO INT(4),

-> CUST\_NO INT(5),

-> BAL FLOAT(10),

-> OD\_LIMIT FLOAT(10),

-> CONSTRAINT AM\_AC\_MAST PRIMARY KEY (AC\_TYPE,AC\_NO)

-> );

Query OK, 0 rows affected (0.83 sec)

MariaDB [PEXERCISE]> DESC AC\_MAST;

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

| Field | Type | Null | Key | Default | Extra |

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

| AC\_TYPE | varchar(3) | NO | PRI | NULL | |

| AC\_NO | int(4) | NO | PRI | NULL | |

| CUST\_NO | int(5) | NO | | NULL | |

| BAL | float | NO | | NULL | |

| OD\_LIMIT | float | NO | | NULL | |

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

5 rows in set (0.01 sec)

MariaDB [PE]> create table CUST\_MAST(

-> CUST\_NO INT(5) PRIMARY KEY,

-> NAME VARCHAR(50),

-> ADDR1 VARCHAR(50),

-> ADDR2 VARCHAR(50),

-> ADDR3 VARCHAR(50),

-> CITY VARCHAR(30),

-> STATE VARCHAR(20)

-> );

Query OK, 0 rows affected (0.27 sec)

MariaDB [PEXERCISE]> DESC CUST\_MAST;

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

| Field | Type | Null | Key | Default | Extra |

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

| CUST\_NO | int(5) | NO | PRI | NULL | |

| NAME | varchar(50) | NO | | NULL | |

| ADDR1 | varchar(50) | NO | | NULL | |

| ADDR2 | varchar(50) | NO | | NULL | |

| ADDR3 | varchar(50) | NO | | NULL | |

| CITY | varchar(30) | NO | | NULL | |

| STATE | varchar(20) | NO | | NULL | |

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

MariaDB [PE]> create table TRANS(

-> AC\_TYPE VARCHAR(3),

-> AC\_NO INT(4),

-> TDATE DATE,

-> COUNTER INT(2),

-> AMOUNT FLOAT(10),

-> CONSTRAINT TR\_TRANS PRIMARY KEY (AC\_TYPE,AC\_NO,TDATE)

-> );

Query OK, 0 rows affected (0.31 sec)

5 rows in set (0.02 sec)

MariaDB [PEXERCISE]> DESC TRANS;

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

| Field | Type | Null | Key | Default | Extra |

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

| AC\_TYPE | varchar(3) | NO | PRI | NULL | |

| AC\_NO | int(4) | NO | PRI | NULL | |

| TDATE | date | NO | PRI | NULL | |

| COUNTER | int(2) | NO | | NULL | |

| AMOUNT | float | NO | | NULL | |

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

5 rows in set (0.01 sec)

MariaDB [PE]> create table DEPT(

-> DNO INT(3) PRIMARY KEY,

-> NAME VARCHAR(15),

-> LOC VARCHAR(20)

-> );

Query OK, 0 rows affected (0.41 sec)

MariaDB [PEXERCISE]> DESC DEPT;

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

| Field | Type | Null | Key | Default | Extra |

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

| DNO | int(3) | NO | PRI | NULL | |

| NAME | varchar(15) | NO | | NULL | |

| LOC | varchar(20) | NO | | NULL | |

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

MariaDB [PE]> CREATE TABLE EMP(

-> EMPNO INT(5) PRIMARY KEY,

-> NAME VARCHAR(50),

-> JDATE DATE,

-> DEPT INT(3),

-> DESIG VARCHAR(20),

-> BASIC FLOAT(10,2),

-> DA FLOAT(10,2),

-> HRA FLOAT(10,2),

-> PF FLOAT(10,2),

-> IT FLOAT(10,2)

-> );

Query OK, 0 rows affected (0.27 sec)

MariaDB [PEXERCISE]> DESC EMP;

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

| Field | Type | Null | Key | Default | Extra |

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

| EMPNO | int(5) | NO | PRI | NULL | |

| NAME | varchar(50) | NO | | NULL | |

| JDATE | date | NO | | NULL | |

| DEPT | int(3) | NO | | NULL | |

| DESIG | varchar(20) | NO | | NULL | |

| BASIC | float(10,2) | NO | | NULL | |

| DA | float(10,2) | NO | | NULL | |

| HRA | float(10,2) | NO | | NULL | |

| PF | float(10,2) | NO | | NULL | |

| IT | float(10,2) | NO | | NULL | |

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

MariaDB [PEXERCISE]> SELECT \* FROM AC\_MAST;

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

| AC\_TYPE | AC\_NO | CUST\_NO | BAL | OD\_LIMIT |

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

| 1 | 5811 | 33163 | 33290.9 | 42174 |

| 10 | 9018 | 42673 | 93932 | 65023 |

| 11 | 6386 | 67069 | 27545.7 | 28756 |

| 12 | 2230 | 24769 | 61342.8 | 61485 |

| 13 | 8522 | 31911 | 14659.5 | 87693 |

| 14 | 8766 | 51429 | 61853.6 | 67518 |

| 15 | 9835 | 35885 | 61618.5 | 73370 |

| 2 | 8324 | 64591 | 52137.4 | 45171 |

| 3 | 8120 | 49189 | 67211.9 | 13328 |

| 4 | 8485 | 58651 | 74069.3 | 40680 |

| 5 | 1074 | 48122 | 48112.2 | 98821 |

| 6 | 4155 | 46208 | 22799 | 78395 |

| 7 | 2367 | 66017 | 92736.5 | 86061 |

| 8 | 2303 | 15350 | 92116.8 | 23158 |

| 9 | 2805 | 97284 | 25554.2 | 37282 |

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

15 rows in set (0.00 sec)

Nikhi@LAPTOP-NI261LEQ c:\xampp

# mysql -u root -p Pexercise < c:\xampp\TRANS.sql

Enter password:

Nikhi@LAPTOP-NI261LEQ c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 239

Server version: 10.1.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> TEE C:\XAMPP\PELOG.TXT

Logging to file 'C:\XAMPP\PELOG.TXT'

MariaDB [(none)]> USE PEXERCISE;

Database changed

MariaDB [PEXERCISE]> SELECT \* FROM AC\_MAST;

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

| AC\_TYPE | AC\_NO | CUST\_NO | BAL | OD\_LIMIT |

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

| 1 | 5811 | 33163 | 33290.9 | 42174 |

| 10 | 9018 | 42673 | 93932 | 65023 |

| 11 | 6386 | 67069 | 27545.7 | 28756 |

| 12 | 2230 | 24769 | 61342.8 | 61485 |

| 13 | 8522 | 31911 | 14659.5 | 87693 |

| 14 | 8766 | 51429 | 61853.6 | 67518 |

| 15 | 9835 | 35885 | 61618.5 | 73370 |

| 2 | 8324 | 64591 | 52137.4 | 45171 |

| 3 | 8120 | 49189 | 67211.9 | 13328 |

| 4 | 8485 | 58651 | 74069.3 | 40680 |

| 5 | 1074 | 48122 | 48112.2 | 98821 |

| 6 | 4155 | 46208 | 22799 | 78395 |

| 7 | 2367 | 66017 | 92736.5 | 86061 |

| 8 | 2303 | 15350 | 92116.8 | 23158 |

| 9 | 2805 | 97284 | 25554.2 | 37282 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT \* FROM CUST\_MAST;

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

| CUST\_NO | NAME | ADDR1 | ADDR2 | ADDR3 | CITY | STATE |

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

| 18563 | Bianka Andreev | 8640 Onsgard Pass | 94879 Waubesa Junction | 41 Russell Terrace | Charleston | South Carolina |

| 21012 | Briggs Fontes | 05 Hoepker Circle | 23 Kenwood Center | 61518 North Drive | Lincoln | Nebraska |

| 25671 | Dyann Stroulger | 2164 Walton Junction | 22 Express Park | 11 Red Cloud Street | Hartford | Connecticut |

| 25885 | Yetty Tate | 530 Summer Ridge Way | 4 Vera Trail | 09 Dorton Alley | Pueblo | Colorado |

| 32469 | Avril Burleton | 34 Bunker Hill Alley | 067 Ronald Regan Crossing | 5810 Fairfield Street | Detroit | Michigan |

| 39903 | Mira Turfs | 502 Main Terrace | 790 Paget Terrace | 388 Westend Crossing | Ocala | Florida |

| 45129 | Adara Webben | 9 Badeau Park | 0 Springs Junction | 5 Express Way | Jacksonville | Florida |

| 66759 | Anastasia Tooting | 4978 Toban Alley | 80 Melby Drive | 71926 Nevada Park | New York City | New York |

| 68886 | Olympe Hoyer | 55506 Melby Pass | 26887 Rigney Way | 4 Vermont Drive | Atlanta | Georgia |

| 70487 | Ardine Blowick | 48 Hallows Pass | 0691 Heath Crossing | 38 Lillian Parkway | Phoenix | Arizona |

| 76388 | Sibeal Matysiak | 8303 Summerview Terrace | 86 Katie Drive | 07561 Forster Circle | Naples | Florida |

| 76592 | Berna Vasilyonok | 162 Crest Line Lane | 5 Hagan Drive | 25 Little Fleur Park | Montgomery | Alabama |

| 77047 | Geoffrey Sudddard | 91220 Logan Parkway | 16 Scofield Place | 90997 Parkside Center | Jamaica | New York |

| 84965 | Dolli Longthorn | 03 Emmet Avenue | 0742 East Parkway | 2 Vahlen Parkway | Waterbury | Connecticut |

| 89716 | Ezmeralda Pretious | 2 Grim Pass | 20 Stuart Road | 3 Park Meadow Lane | Albuquerque | New Mexico |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT \* FROM TRANS;

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

| AC\_TYPE | AC\_NO | TDATE | COUNTER | AMOUNT | DESCR |

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

| 1 | 6544 | 0000-00-00 | 12 | 246645 | Advanced multi-tasking databas |

| 10 | 4244 | 0000-00-00 | 56 | 257086 | Balanced impactful alliance |

| 11 | 4544 | 0000-00-00 | 39 | 860981 | Networked zero tolerance produ |

| 12 | 5233 | 0000-00-00 | 67 | 504093 | Fundamental scalable product |

| 13 | 1897 | 0000-00-00 | 88 | 176357 | Cloned multi-state emulation |

| 14 | 5920 | 0000-00-00 | 45 | 454315 | Enhanced context-sensitive web |

| 15 | 4521 | 0000-00-00 | 45 | 506918 | Multi-layered didactic service |

| 2 | 4877 | 0000-00-00 | 39 | 697938 | Re-contextualized web-enabled |

| 3 | 8672 | 0000-00-00 | 61 | 459568 | Synergistic radical concept |

| 4 | 8163 | 0000-00-00 | 30 | 868429 | Persevering asynchronous forec |

| 5 | 3162 | 0000-00-00 | 33 | 562446 | Enhanced 6th generation encodi |

| 6 | 6598 | 0000-00-00 | 85 | 421090 | Upgradable explicit hardware |

| 7 | 9347 | 0000-00-00 | 67 | 114712 | Enterprise-wide bandwidth-moni |

| 8 | 5992 | 0000-00-00 | 98 | 620687 | Switchable intermediate intern |

| 9 | 8449 | 0000-00-00 | 78 | 112206 | Quality-focused directional mo |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT \* FROM DEPT;

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

| DNO | NAME | LOC |

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

| 1 | Business Develo | 1839 Dayton Terrace |

| 2 | Sales | 63 Boyd Place |

| 3 | Sales | 3 Larry Crossing |

| 4 | Support | 0217 Nova Drive |

| 5 | Training | 48 Morningstar Point |

| 6 | Support | 52336 Almo Street |

| 7 | Legal | 1 Esker Avenue |

| 8 | Marketing | 8 Continental Point |

| 9 | Training | 343 Rowland Trail |

| 10 | Research and De | 8 Maywood Park |

| 11 | Marketing | 40 Algoma Avenue |

| 12 | Services | 6265 Forest Dale Hil |

| 13 | Human Resources | 99 Montana Place |

| 14 | Marketing | 66882 Vidon Crossing |

| 15 | Engineering | 810 Maple Wood Parkw |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT \* FROM EMP;

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

| EMPNO | NAME | JDATE | DEPT | DESIG | BASIC | DA | HRA | PF | IT |

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

| 21772 | Trenna Wallege | 0000-00-00 | 4 | Paralegal | 71648.57 | 33502.84 | 74246.92 | 33208.16 | 80507.90 |

| 33179 | Lucita Peachman | 0000-00-00 | 5 | Graphic Designer | 50049.46 | 40854.43 | 39661.02 | 66551.93 | 30376.96 |

| 35523 | Bryan Trow | 0000-00-00 | 9 | Geological Engineer | 16934.63 | 99682.99 | 54339.67 | 49878.09 | 94434.32 |

| 36724 | Jonah Cornbell | 0000-00-00 | 10 | Social Worker | 33975.51 | 99837.66 | 12745.30 | 37336.15 | 40678.21 |

| 40413 | Shaine Rickersy | 0000-00-00 | 13 | Account Coordinator | 61107.13 | 52157.06 | 17992.54 | 45692.76 | 43080.72 |

| 40763 | Selena Holt | 0000-00-00 | 6 | Chief Design Enginee | 38339.97 | 32656.22 | 21157.68 | 70208.32 | 42927.58 |

| 68475 | Lind Ebbitt | 0000-00-00 | 8 | Software Test Engine | 91676.51 | 69839.68 | 50470.22 | 36603.05 | 33753.86 |

| 68917 | Lisle Slane | 0000-00-00 | 12 | Database Administrat | 55906.26 | 13154.50 | 34079.58 | 83337.29 | 32722.06 |

| 69438 | Shell Cases | 0000-00-00 | 15 | Structural Analysis | 96816.65 | 69941.60 | 82197.69 | 47322.27 | 98355.96 |

| 70457 | Kelci Bulgen | 0000-00-00 | 3 | Administrative Assis | 39823.31 | 89806.14 | 71066.19 | 34954.97 | 18724.51 |

| 71140 | Tod Besnard | 0000-00-00 | 14 | Tax Accountant | 34532.22 | 84026.14 | 98296.29 | 24347.92 | 20819.08 |

| 75093 | Arv Benedek | 0000-00-00 | 2 | Mechanical Systems E | 32376.86 | 89775.72 | 68094.21 | 94611.03 | 73462.72 |

| 79744 | Wileen Alenikov | 0000-00-00 | 1 | Statistician IV | 14768.74 | 62123.72 | 81627.58 | 67493.69 | 76001.27 |

| 83852 | Bayard Flaxon | 0000-00-00 | 11 | Analyst Programmer | 97382.48 | 66251.10 | 39165.97 | 12174.41 | 59218.00 |

| 99067 | Luke Bartleman | 0000-00-00 | 7 | Statistician I | 63094.72 | 85096.84 | 44083.53 | 10810.31 | 97282.15 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,BASIC FROM EMP;

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

| EMPNO | NAME | DEPT | DESIG | BASIC |

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

| 21772 | Trenna Wallege | 4 | Paralegal | 71648.57 |

| 33179 | Lucita Peachman | 5 | Graphic Designer | 50049.46 |

| 35523 | Bryan Trow | 9 | Geological Engineer | 16934.63 |

| 36724 | Jonah Cornbell | 10 | Social Worker | 33975.51 |

| 40413 | Shaine Rickersy | 13 | Account Coordinator | 61107.13 |

| 40763 | Selena Holt | 6 | Chief Design Enginee | 38339.97 |

| 68475 | Lind Ebbitt | 8 | Software Test Engine | 91676.51 |

| 68917 | Lisle Slane | 12 | Database Administrat | 55906.26 |

| 69438 | Shell Cases | 15 | Structural Analysis | 96816.65 |

| 70457 | Kelci Bulgen | 3 | Administrative Assis | 39823.31 |

| 71140 | Tod Besnard | 14 | Tax Accountant | 34532.22 |

| 75093 | Arv Benedek | 2 | Mechanical Systems E | 32376.86 |

| 79744 | Wileen Alenikov | 1 | Statistician IV | 14768.74 |

| 83852 | Bayard Flaxon | 11 | Analyst Programmer | 97382.48 |

| 99067 | Luke Bartleman | 7 | Statistician I | 63094.72 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP;

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

| EMPNO | NAME | DEPT | DESIG | SALARY |

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

| 21772 | Trenna Wallege | 4 | Paralegal | 293114.39 |

| 33179 | Lucita Peachman | 5 | Graphic Designer | 227493.80 |

| 35523 | Bryan Trow | 9 | Geological Engineer | 315269.71 |

| 36724 | Jonah Cornbell | 10 | Social Worker | 224572.83 |

| 40413 | Shaine Rickersy | 13 | Account Coordinator | 220030.21 |

| 40763 | Selena Holt | 6 | Chief Design Enginee | 205289.77 |

| 68475 | Lind Ebbitt | 8 | Software Test Engine | 282343.32 |

| 68917 | Lisle Slane | 12 | Database Administrat | 219199.69 |

| 69438 | Shell Cases | 15 | Structural Analysis | 394634.17 |

| 70457 | Kelci Bulgen | 3 | Administrative Assis | 254375.12 |

| 71140 | Tod Besnard | 14 | Tax Accountant | 262021.65 |

| 75093 | Arv Benedek | 2 | Mechanical Systems E | 358320.54 |

| 79744 | Wileen Alenikov | 1 | Statistician IV | 302015.00 |

| 83852 | Bayard Flaxon | 11 | Analyst Programmer | 274191.96 |

| 99067 | Luke Bartleman | 7 | Statistician I | 300367.55 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP ORDER BY EMPNO DESC;

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

| EMPNO | NAME | DEPT | DESIG | SALARY |

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

| 99067 | Luke Bartleman | 7 | Statistician I | 300367.55 |

| 83852 | Bayard Flaxon | 11 | Analyst Programmer | 274191.96 |

| 79744 | Wileen Alenikov | 1 | Statistician IV | 302015.00 |

| 75093 | Arv Benedek | 2 | Mechanical Systems E | 358320.54 |

| 71140 | Tod Besnard | 14 | Tax Accountant | 262021.65 |

| 70457 | Kelci Bulgen | 3 | Administrative Assis | 254375.12 |

| 69438 | Shell Cases | 15 | Structural Analysis | 394634.17 |

| 68917 | Lisle Slane | 12 | Database Administrat | 219199.69 |

| 68475 | Lind Ebbitt | 8 | Software Test Engine | 282343.32 |

| 40763 | Selena Holt | 6 | Chief Design Enginee | 205289.77 |

| 40413 | Shaine Rickersy | 13 | Account Coordinator | 220030.21 |

| 36724 | Jonah Cornbell | 10 | Social Worker | 224572.83 |

| 35523 | Bryan Trow | 9 | Geological Engineer | 315269.71 |

| 33179 | Lucita Peachman | 5 | Graphic Designer | 227493.80 |

| 21772 | Trenna Wallege | 4 | Paralegal | 293114.39 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP ORDER BY DEPT, EMPNO ASC;

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

| EMPNO | NAME | DEPT | DESIG | SALARY |

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

| 79744 | Wileen Alenikov | 1 | Statistician IV | 302015.00 |

| 75093 | Arv Benedek | 2 | Mechanical Systems E | 358320.54 |

| 70457 | Kelci Bulgen | 3 | Administrative Assis | 254375.12 |

| 21772 | Trenna Wallege | 4 | Paralegal | 293114.39 |

| 33179 | Lucita Peachman | 5 | Graphic Designer | 227493.80 |

| 40763 | Selena Holt | 6 | Chief Design Enginee | 205289.77 |

| 99067 | Luke Bartleman | 7 | Statistician I | 300367.55 |

| 68475 | Lind Ebbitt | 8 | Software Test Engine | 282343.32 |

| 35523 | Bryan Trow | 9 | Geological Engineer | 315269.71 |

| 36724 | Jonah Cornbell | 10 | Social Worker | 224572.83 |

| 83852 | Bayard Flaxon | 11 | Analyst Programmer | 274191.96 |

| 68917 | Lisle Slane | 12 | Database Administrat | 219199.69 |

| 40413 | Shaine Rickersy | 13 | Account Coordinator | 220030.21 |

| 71140 | Tod Besnard | 14 | Tax Accountant | 262021.65 |

| 69438 | Shell Cases | 15 | Structural Analysis | 394634.17 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP ORDER BY SALARY DESC;

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

| EMPNO | NAME | DEPT | DESIG | SALARY |

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

| 69438 | Shell Cases | 15 | Structural Analysis | 394634.17 |

| 75093 | Arv Benedek | 2 | Mechanical Systems E | 358320.54 |

| 35523 | Bryan Trow | 9 | Geological Engineer | 315269.71 |

| 79744 | Wileen Alenikov | 1 | Statistician IV | 302015.00 |

| 99067 | Luke Bartleman | 7 | Statistician I | 300367.55 |

| 21772 | Trenna Wallege | 4 | Paralegal | 293114.39 |

| 68475 | Lind Ebbitt | 8 | Software Test Engine | 282343.32 |

| 83852 | Bayard Flaxon | 11 | Analyst Programmer | 274191.96 |

| 71140 | Tod Besnard | 14 | Tax Accountant | 262021.65 |

| 70457 | Kelci Bulgen | 3 | Administrative Assis | 254375.12 |

| 33179 | Lucita Peachman | 5 | Graphic Designer | 227493.80 |

| 36724 | Jonah Cornbell | 10 | Social Worker | 224572.83 |

| 40413 | Shaine Rickersy | 13 | Account Coordinator | 220030.21 |

| 68917 | Lisle Slane | 12 | Database Administrat | 219199.69 |

| 40763 | Selena Holt | 6 | Chief Design Enginee | 205289.77 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY,JDATE FROM EMP ORDER BY JDATE;

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

| EMPNO | NAME | DEPT | DESIG | SALARY | JDATE |

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

| 84349 | Evangelia Fancott | 4 | Payment Adjustment C | 316320.33 | 2010-02-04 |

| 52655 | Opaline Streak | 1 | Desktop Support Tech | 198099.39 | 2010-08-14 |

| 14700 | Benni Dickie | 11 | Research Assistant I | 139721.17 | 2011-02-14 |

| 97736 | Sibbie Aldous | 9 | Nurse Practicioner | 269744.49 | 2011-07-13 |

| 83489 | Maible Pragnell | 14 | Occupational Therapi | 303349.91 | 2011-09-04 |

| 10696 | Mike Raselles | 7 | Environmental Tech | 300880.50 | 2013-03-18 |

| 70108 | Edeline Whytock | 5 | Environmental Specia | 225703.19 | 2013-04-29 |

| 12483 | Lewiss Narup | 12 | Compensation Analyst | 308882.89 | 2013-07-02 |

| 54087 | Bertie MacGow | 3 | Internal Auditor | 387466.54 | 2015-06-11 |

| 38686 | Stinky Foggarty | 2 | Software Engineer II | 297325.04 | 2015-12-18 |

| 30828 | Isidora Beisley | 15 | Quality Engineer | 181614.72 | 2016-07-27 |

| 31862 | Marya Bednell | 8 | Structural Engineer | 252386.87 | 2016-11-07 |

| 13625 | Jodee Doughton | 6 | Quality Engineer | 292594.56 | 2016-11-16 |

| 89096 | Kial Lebang | 10 | VP Accounting | 280601.74 | 2017-10-19 |

| 31748 | Morry Thurbon | 13 | Senior Quality Engin | 196882.95 | 2017-12-22 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY,JDATE FROM EMP WHERE DEPT=5 ORDER BY JDATE;

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

| EMPNO | NAME | DEPT | DESIG | SALARY | JDATE |

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

| 70108 | Edeline Whytock | 5 | Environmental Specia | 225703.19 | 2013-04-29 |

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

1 row in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY,JDATE FROM EMP WHERE (BASIC+DA+HRA+PF+IT)>10000 ORDER BY EMPNO;

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

| EMPNO | NAME | DEPT | DESIG | SALARY | JDATE |

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

| 10696 | Mike Raselles | 7 | Environmental Tech | 300880.50 | 2013-03-18 |

| 12483 | Lewiss Narup | 12 | Compensation Analyst | 308882.89 | 2013-07-02 |

| 13625 | Jodee Doughton | 6 | Quality Engineer | 292594.56 | 2016-11-16 |

| 14700 | Benni Dickie | 11 | Research Assistant I | 139721.17 | 2011-02-14 |

| 30828 | Isidora Beisley | 15 | Quality Engineer | 181614.72 | 2016-07-27 |

| 31748 | Morry Thurbon | 13 | Senior Quality Engin | 196882.95 | 2017-12-22 |

| 31862 | Marya Bednell | 8 | Structural Engineer | 252386.87 | 2016-11-07 |

| 38686 | Stinky Foggarty | 2 | Software Engineer II | 297325.04 | 2015-12-18 |

| 52655 | Opaline Streak | 1 | Desktop Support Tech | 198099.39 | 2010-08-14 |

| 54087 | Bertie MacGow | 3 | Internal Auditor | 387466.54 | 2015-06-11 |

| 70108 | Edeline Whytock | 5 | Environmental Specia | 225703.19 | 2013-04-29 |

| 83489 | Maible Pragnell | 14 | Occupational Therapi | 303349.91 | 2011-09-04 |

| 84349 | Evangelia Fancott | 4 | Payment Adjustment C | 316320.33 | 2010-02-04 |

| 89096 | Kial Lebang | 10 | VP Accounting | 280601.74 | 2017-10-19 |

| 97736 | Sibbie Aldous | 9 | Nurse Practicioner | 269744.49 | 2011-07-13 |

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

15 rows in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,NAME,DEPT,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP WHERE NAME LIKE 'J%' ORDER BY EMPNO;

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

| EMPNO | NAME | DEPT | DESIG | SALARY |

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

| 13625 | Jodee Doughton | 6 | Quality Engineer | 292594.56 |

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

1 row in set (0.00 sec)

MariaDB [PEXERCISE]> SELECT EMPNO,ENAME,DNO,DNAME,LOC,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP JOIN DEPT USING(DNO) ORDER BY EMPNO;

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

| EMPNO | ENAME | DNO | DNAME | LOC | DESIG | SALARY |

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

| 10696 | Mike Raselles | 7 | Legal | 1 Esker Avenue | Environmental Tech | 300880.50 |

| 12483 | Lewiss Narup | 12 | Services | 6265 Forest Dale Hil | Compensation Analyst | 308882.89 |

| 13625 | Jodee Doughton | 6 | Support | 52336 Almo Street | Quality Engineer | 292594.56 |

| 14700 | Benni Dickie | 11 | Marketing | 40 Algoma Avenue | Research Assistant I | 139721.17 |

| 30828 | Isidora Beisley | 15 | Engineering | 810 Maple Wood Parkw | Quality Engineer | 181614.72 |

| 31748 | Morry Thurbon | 13 | Human Resources | 99 Montana Place | Senior Quality Engin | 196882.95 |

| 31862 | Marya Bednell | 8 | Marketing | 8 Continental Point | Structural Engineer | 252386.87 |

| 38686 | Stinky Foggarty | 2 | Sales | 63 Boyd Place | Software Engineer II | 297325.04 |

| 52655 | Opaline Streak | 1 | Business Develo | 1839 Dayton Terrace | Desktop Support Tech | 198099.39 |

| 54087 | Bertie MacGow | 3 | Sales | 3 Larry Crossing | Internal Auditor | 387466.54 |

| 70108 | Edeline Whytock | 5 | Training | 48 Morningstar Point | Environmental Specia | 225703.19 |

| 83489 | Maible Pragnell | 14 | Marketing | 66882 Vidon Crossing | Occupational Therapi | 303349.91 |

| 84349 | Evangelia Fancott | 4 | Support | 0217 Nova Drive | Payment Adjustment C | 316320.33 |

| 89096 | Kial Lebang | 10 | Research and De | 8 Maywood Park | VP Accounting | 280601.74 |

| 97736 | Sibbie Aldous | 9 | Training | 343 Rowland Trail | Nurse Practicioner | 269744.49 |

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

MariaDB [PEXERCISE]> SELECT EMPNO,ENAME,DNAME,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP JOIN DEPT WHERE LOC = 'BUILDING 1';

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

| EMPNO | ENAME | DNAME | DESIG | SALARY |

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

| 10696 | Mike Raselles | SOFTWARE DEBUGG | Environmental Tech | 300880.50 |

| 12483 | Lewiss Narup | SOFTWARE DEBUGG | Compensation Analyst | 308882.89 |

| 13625 | Jodee Doughton | SOFTWARE DEBUGG | Quality Engineer | 292594.56 |

| 14700 | Benni Dickie | SOFTWARE DEBUGG | Research Assistant I | 139721.17 |

| 30828 | Isidora Beisley | SOFTWARE DEBUGG | Quality Engineer | 181614.72 |

| 31748 | Morry Thurbon | SOFTWARE DEBUGG | Senior Quality Engin | 196882.95 |

| 31862 | Marya Bednell | SOFTWARE DEBUGG | Structural Engineer | 252386.87 |

| 38686 | Stinky Foggarty | SOFTWARE DEBUGG | Software Engineer II | 297325.04 |

| 52655 | Opaline Streak | SOFTWARE DEBUGG | Desktop Support Tech | 198099.39 |

| 54087 | Bertie MacGow | SOFTWARE DEBUGG | Internal Auditor | 387466.54 |

| 70108 | Edeline Whytock | SOFTWARE DEBUGG | Environmental Specia | 225703.19 |

| 83489 | Maible Pragnell | SOFTWARE DEBUGG | Occupational Therapi | 303349.91 |

| 84349 | Evangelia Fancott | SOFTWARE DEBUGG | Payment Adjustment C | 316320.33 |

| 89096 | Kial Lebang | SOFTWARE DEBUGG | VP Accounting | 280601.74 |

| 97736 | Sibbie Aldous | SOFTWARE DEBUGG | Nurse Practicioner | 269744.49 |

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

15 rows in set (0.00 sec)

] MariaDB [PEXERCISE]> SELECT EMPNO,ENAME,DEPT.DNO,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY FROM EMP JOIN DEPT WHERE LOC = 'BUILDING 1';

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

| EMPNO | ENAME | DNO | DESIG | SALARY |

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

| 10696 | Mike Raselles | 16 | Environmental Tech | 300880.50 |

| 12483 | Lewiss Narup | 16 | Compensation Analyst | 308882.89 |

| 13625 | Jodee Doughton | 16 | Quality Engineer | 292594.56 |

| 14700 | Benni Dickie | 16 | Research Assistant I | 139721.17 |

| 30828 | Isidora Beisley | 16 | Quality Engineer | 181614.72 |

| 31748 | Morry Thurbon | 16 | Senior Quality Engin | 196882.95 |

| 31862 | Marya Bednell | 16 | Structural Engineer | 252386.87 |

| 38686 | Stinky Foggarty | 16 | Software Engineer II | 297325.04 |

| 52655 | Opaline Streak | 16 | Desktop Support Tech | 198099.39 |

| 54087 | Bertie MacGow | 16 | Internal Auditor | 387466.54 |

| 70108 | Edeline Whytock | 16 | Environmental Specia | 225703.19 |

| 83489 | Maible Pragnell | 16 | Occupational Therapi | 303349.91 |

| 84349 | Evangelia Fancott | 16 | Payment Adjustment C | 316320.33 |

| 89096 | Kial Lebang | 16 | VP Accounting | 280601.74 |

| 97736 | Sibbie Aldous | 16 | Nurse Practicioner | 269744.49 |

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

MariaDB [PEXERCISE]> SELECT DEPT.DNO,DNAME,LOC,AVG(BASIC+DA+HRA+PF+IT) AS AVG\_SALARY,MIN(BASIC+DA+HRA+PF+IT) AS MIN\_SALARY,MAX(BASIC+DA+HRA+PF+IT) AS MAX\_SALARY FROM DEPT JOIN EMP ORDER BY DNO;

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

| DNO | DNAME | LOC | AVG\_SALARY | MIN\_SALARY | MAX\_SALARY |

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

| 1 | Business Develo | 1839 Dayton Terrace | 263438.286458 | 139721.17 | 387466.54 |

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

MariaDB [PEXERCISE]> SELECT EMPNO,ENAME,DEPT.DNO,DESIG,(BASIC+DA+HRA+PF+IT) AS SALARY,MAX(BASIC+DA+HRA+PF+IT) AS MAX\_SALARY FROM EMP JOIN DEPT ;

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

| EMPNO | ENAME | DNO | DESIG | SALARY | MAX\_SALARY |

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

| 10696 | Mike Raselles | 1 | Environmental Tech | 300880.50 | 387466.54 |

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

select t.ac\_type, t.ac\_no, t.TDate, c.name from trans as t inner join ac\_mast a inner join cust\_mast c on t.ac\_no=a.ac\_no and a.cust\_no=c.cust\_no where tdate!=curdate();

Empty set (0.00 sec)

MariaDB [PExercise]> select cust\_no, name ,addr1, addr2 ,addr3 , city ,State from cust\_mast where cust\_no not in (select cust\_no from ac\_mast);

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

| cust\_no | name | addr1 | addr2 | addr3 | city | State |

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

| 20940 | Dillie Gemlett | 82 Larry Pass | 623 Basil Plaza | 544 Schiller Point | Sacramento | California |

| 22913 | Mamie Beckford | 22642 Montana Terrace | 904 Trailsway Trail | 51 Fisk Center | Baton Rouge | Louisiana |

| 30475 | Virgie Maskill | 59 Buena Vista Parkway | 111 Towne Lane | 47 Monument Road | Sacramento | California |

| 34027 | Roobbie Matiebe | 666 Cardinal Circle | 6844 Dexter Point | 5 Vera Road | Aurora | Colorado |

| 36453 | Kesley Pugsley | 59178 Hudson Lane | 01 Onsgard Drive | 5720 Straubel Parkway | Houston | Texas |

| 37503 | Steffie Slimm | 0064 Oneill Street | 7 Lake View Way | 3703 Bobwhite Lane | Petaluma | California |

| 57524 | Isabella Benoey | 3611 Karstens Pass | 8644 Emmet Drive | 89 Morningstar Junction | Houston | Texas |

| 63406 | Skipton Mack | 12 Shoshone Circle | 3854 Macpherson Lane | 99614 Sherman Way | Peoria | Arizona |

| 63547 | Brandon Alessandretti | 55 Crowley Plaza | 95 Packers Trail | 5 Cody Drive | Roanoke | Virginia |

| 69488 | Francoise Janatka | 05 Tennessee Way | 3 Maryland Hill | 6696 Sutteridge Street | Portland | Oregon |

| 69722 | Mireille Melan | 487 Hallows Pass | 4 Blue Bill Park Court | 407 Lakewood Crossing | Evansville | Indiana |

| 78723 | Germana Elph | 342 Schiller Way | 2 Lien Terrace | 9936 Moland Way | New York City | New York |

| 80582 | Amy Quarrell | 3749 Comanche Alley | 70 Westridge Circle | 15184 Sloan Center | New York City | New York |

| 80939 | Winthrop Slee | 933 Westport Circle | 8 Esker Point | 5752 Menomonie Alley | Tacoma | Washington |

| 87576 | Rudolf Grzeskowski | 50 Onsgard Parkway | 30859 Acker Avenue | 5094 Beilfuss Street | Bronx | New York |

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

15 rows in set (0.00 sec)

MariaDB [PExercise]> select cust\_no, name , ADDR1, ADDR2, ADDR3, City,State from cust\_mast where cust\_no in (select cust\_no from ac\_mast group by cust\_no having count(cust\_no) > 1);

Empty set (0.00 sec)

MariaDB [PExercise]> select t.acnttype, t.acntno, t.TransDate, c.custname from transactions as t inner join accountmaster a inner join custmaster c on t.acntno=a.acntno and a.custno=c.custno where transdate=curdate();

ERROR 1146 (42S02): Table 'pexercise.transactions' doesn't exist

MariaDB [PExercise]> select t.ac\_type, t.ac\_no, t.TDate, c.name from trans as t inner join ac\_mast a inner join cust\_mast c on t.ac\_no=a.ac\_no and a.cust\_no=c.cust\_no where tdate=curdate();

Empty set (0.00 sec)

MariaDB [PExercise]> select e.name, (select d.name from dept d where e.dno=d.dno) AS DeptName, e.desig, a.ac\_type, a.ac\_no from emp as e inner join cust\_mast c on e.name=c.name inner join ac\_mast a on c.cust\_no=a.cust\_no;

Empty set (0.00 sec)

MariaDB [PExercise]> update emp set basic = basic+1000 where name like 'roobie matiebe';

Query OK, 0 rows affected (0.00 sec)

Rows matched: 0 Changed: 0 Warnings: 0

MariaDB [PExercise]> update emp set basic = basic+1000 where name like 'roobie matiebe';

Query OK, 0 rows affected (0.00 sec)

Rows matched: 0 Changed: 0 Warnings: 0

MariaDB [PExercise]> Query OK, 0 rows affected (0.00 sec)

-> ;

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 'Query OK, 0 rows affected (0.00 sec)' at line 1

MariaDB [PExercise]> update emp set basic =basic +500 where dno = (select dno from dept where name like 'Librarian');

Query OK, 0 rows affected (0.00 sec)

Rows matched: 0 Changed: 0 Warnings: 0

MariaDB [PExercise]> update employees set basicpay=basicpay+500 where deptno in (select deptno from departments where deptname like 'librarian' or deptname like 'teacher' );

ERROR 1146 (42S02): Table 'pexercise.employees' doesn't exist

MariaDB [PExercise]>

MariaDB [PExercise]> update emp set basic=basic+500 where dno in (select dno from dept where name like 'Modesta Louth' or deptname like 'teacher' );

ERROR 1054 (42S22): Unknown column 'deptname' in 'where clause'

MariaDB [PExercise]> update emp set basic=basic+500 where dno in (select dno from dept where name like 'librarian' or name like 'teacher' );

Query OK, 0 rows affected (0.00 sec)

Rows matched: 0 Changed: 0 Warnings: 0

MariaDB [PExercise]> update emp set basic=basic+300 where dno = (select dno from dept where name like 'm%');

ERROR 1242 (21000): Subquery returns more than 1 row

MariaDB [PExercise]> update emp set basic=basic+300 where dno = (select dno from dept where name like 'm%');

ERROR 1242 (21000): Subquery returns more than 1 row

MariaDB [PExercise]> update emp set basic=basic+(basic\*0.10);

Query OK, 15 rows affected (0.07 sec)

Rows matched: 15 Changed: 15 Warnings: 0

delete from emp where desig like 'teacher';

Query OK, 1 row affected (0.06 sec)

delete from emp where desig like 'librarian' and dno = (select dno from dept where name like 'Programmer III');

Query OK, 0 rows affected (0.00 sec)

delete from emp where year(jdate) = (year(curdate())-1);

Query OK, 2 rows affected (0.07 sec)

MariaDB [PExercise]> delete from emp where year(jdate) = (year(curdate())-1);

Query OK, 2 rows affected (0.07 sec)

MariaDB [PExercise]> delete from emp where TIMESTAMPDIFF(year,jdate,curdate()) >= 30;

Query OK, 0 rows affected (0.00 sec)

MariaDB [PE]> CREATE TABLE EMP2 AS select \* FROM EMP;

Query OK, 0 rows affected (0.34 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [PEXERCISE]> desc emp2;

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

| Field | Type | Null | Key | Default | Extra |

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

| EMPNO | int(5) | NO | | NULL | |

| NAME | varchar(50) | NO | | NULL | |

| JDATE | date | NO | | NULL | |

| DEPT | int(3) | NO | | NULL | |

| DESIG | varchar(20) | NO | | NULL | |

| BASIC | float(10,2) | NO | | NULL | |

| DA | float(10,2) | NO | | NULL | |

| HRA | float(10,2) | NO | | NULL | |

| PF | float(10,2) | NO | | NULL | |

| IT | float(10,2) | NO | | NULL | |

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

MariaDB [PEXERCISE]> INSERT INTO EMP2(EMPNO,ENAME,DNO,DESIG) SELECT EMPNO,ENAME,DNO,DESIG FROM EMP;

Query OK, 15 rows affected, 6 warnings (0.22 sec)

Records: 15 Duplicates: 0 Warnings: 6

MariaDB [PEXERCISE]> SELECT \* FROM EMP2;

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

| EMPNO | ENAME | JDATE | DNO | DESIG | BASIC | DA | HRA | PF | IT |

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

| 10696 | Mike Raselles | 0000-00-00 | 7 | Environmental Tech | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 12483 | Lewiss Narup | 0000-00-00 | 12 | Compensation Analyst | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 13625 | Jodee Doughton | 0000-00-00 | 6 | Quality Engineer | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 14700 | Benni Dickie | 0000-00-00 | 11 | Research Assistant I | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 30828 | Isidora Beisley | 0000-00-00 | 15 | Quality Engineer | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 31748 | Morry Thurbon | 0000-00-00 | 13 | Senior Quality Engin | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 31862 | Marya Bednell | 0000-00-00 | 8 | Structural Engineer | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 38686 | Stinky Foggarty | 0000-00-00 | 2 | Software Engineer II | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 52655 | Opaline Streak | 0000-00-00 | 1 | Desktop Support Tech | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 54087 | Bertie MacGow | 0000-00-00 | 3 | Internal Auditor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 70108 | Edeline Whytock | 0000-00-00 | 5 | Environmental Specia | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 83489 | Maible Pragnell | 0000-00-00 | 14 | Occupational Therapi | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 84349 | Evangelia Fancott | 0000-00-00 | 4 | Payment Adjustment C | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 89096 | Kial Lebang | 0000-00-00 | 10 | VP Accounting | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 97736 | Sibbie Aldous | 0000-00-00 | 9 | Nurse Practicioner | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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

insert into emp2 (empno, name, dno, desig) select empno, name, dno, desig from emp;

Query OK, 15 rows affected, 6 warnings (0.17 sec)

Records: 15 Duplicates: 0 Warnings: 6

MariaDB [PEXERCISE]> INSERT INTO EMP2(JDATE,DA,HRA,PF,IT) SELECT JDATE,DA,HRA,PF,IT FROM EMP;

Query OK, 15 rows affected, 5 warnings (0.20 sec)

Records: 15 Duplicates: 0 Warnings: 5

MariaDB [PEXERCISE]> INSERT INTO EMP2(STATUS) VALUE('P');

Query OK, 1 row affected, 10 warnings (0.05 sec)

MariaDB [PEXERCISE]> ALTER TABLE EMP2

-> ADD PRIMARY KEY(ENAME);

Query OK, 0 rows affected (0.49 sec)

Records: 0 Duplicates: 0 Warnings: 0

alter table emp2 add constraint emp\_fk FOREIGN KEY (DNo) REFERENCES DepT(DNo);

Query OK, 0 rows affected (0.98 sec)

Records: 0 Duplicates: 0 Warnings: 0

alter table emp2 add unique(empNo);

Query OK, 0 rows affected (0.48 sec)

Records: 0 Duplicates: 0 Warnings: 0

update emp2 set jdate='01-01-1970' where jdate='00-00-0000';

Query OK, 0 rows affected, 15 warnings (0.00 sec)

Rows matched: 15 Changed: 0 Warnings: 15

drop table emp2;

Query OK, 0 rows affected (0.14 sec)

create index emp\_index on emp(empno,name,desig);

Query OK, 0 rows affected (0.25 sec)

Records: 0 Duplicates: 0 Warnings: 0

create index cust\_index on cust\_mast(cust\_no,name,city);

Query OK, 0 rows affected (0.25 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [PExercise]> drop index cust\_index on cust\_mast;

Query OK, 0 rows affected (0.20 sec)

Records: 0 Duplicates: 0 Warnings: 0