Setting environment for using XAMPP for Windows.

710019@128-IMAC11 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 5

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)]> craete database csd2204w18;

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 'craete database csd2204w18' at line 1

MariaDB [(none)]> create database csd2204w18;

ERROR 1007 (HY000): Can't create database 'csd2204w18'; database exists

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> CREATE TABLE IF NOT EXISTS `countries` (

-> `COUNTRY\_ID` varchar(2) NOT NULL,

-> `COUNTRY\_NAME` varchar(40) DEFAULT NULL,

-> `REGION\_ID` decimal(10,0) DEFAULT NULL,

-> PRIMARY KEY (`COUNTRY\_ID`),

-> KEY `COUNTR\_REG\_FK` (`REGION\_ID`)

-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.53 sec)

MariaDB [csd2204w18]> INSERT INTO `countries` (`COUNTRY\_ID`, `COUNTRY\_NAME`, `REGION\_ID`) VALUES

-> ('AR', 'Argentina', '2'),

-> ('AU', 'Australia', '3'),

-> ('BE', 'Belgium', '1'),

-> ('BR', 'Brazil', '2'),

-> ('CA', 'Canada', '2'),

-> ('CH', 'Switzerland', '1'),

-> ('CN', 'China', '3'),

-> ('DE', 'Germany', '1'),

-> ('DK', 'Denmark', '1'),

-> ('EG', 'Egypt', '4'),

-> ('FR', 'France', '1'),

-> ('HK', 'HongKong', '3'),

-> ('IL', 'Israel', '4'),

-> ('IN', 'India', '3'),

-> ('IT', 'Italy', '1'),

-> ('JP', 'Japan', '3'),

-> ('KW', 'Kuwait', '4'),

-> ('MX', 'Mexico', '2'),

-> ('NG', 'Nigeria', '4'),

-> ('NL', 'Netherlands', '1'),

-> ('SG', 'Singapore', '3'),

-> ('UK', 'United Kingdom', '1'),

-> ('US', 'United States of America', '2'),

-> ('ZM', 'Zambia', '4'),

-> ('ZW', 'Zimbabwe', '4');

Query OK, 25 rows affected (0.00 sec)

Records: 25 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> CREATE TABLE IF NOT EXISTS `departments` (

-> `DEPARTMENT\_ID` decimal(4,0) NOT NULL DEFAULT '0',

-> `DEPARTMENT\_NAME` varchar(30) NOT NULL,

-> `MANAGER\_ID` decimal(6,0) DEFAULT NULL,

-> `LOCATION\_ID` decimal(4,0) DEFAULT NULL,

-> PRIMARY KEY (`DEPARTMENT\_ID`),

-> KEY `DEPT\_MGR\_FK` (`MANAGER\_ID`),

-> KEY `DEPT\_LOCATION\_IX` (`LOCATION\_ID`)

-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.30 sec)

MariaDB [csd2204w18]> INSERT INTO `departments` (`DEPARTMENT\_ID`, `DEPARTMENT\_NAME`, `MANAGER\_ID`, `LOCATION\_ID`) VALUES

-> ('10', 'Administration', '200', '1700'),

-> ('20', 'Marketing', '201', '1800'),

-> ('30', 'Purchasing', '114', '1700'),

-> ('40', 'Human Resources', '203', '2400'),

-> ('50', 'Shipping', '121', '1500'),

-> ('60', 'IT', '103', '1400'),

-> ('70', 'Public Relations', '204', '2700'),

-> ('80', 'Sales', '145', '2500'),

-> ('90', 'Executive', '100', '1700'),

-> ('100', 'Finance', '108', '1700'),

-> ('110', 'Accounting', '205', '1700'),

-> ('120', 'Treasury', '0', '1700'),

-> ('130', 'Corporate Tax', '0', '1700'),

-> ('140', 'Control And Credit', '0', '1700'),

-> ('150', 'Shareholder Services', '0', '1700'),

-> ('160', 'Benefits', '0', '1700'),

-> ('170', 'Manufacturing', '0', '1700'),

-> ('180', 'Construction', '0', '1700'),

-> ('190', 'Contracting', '0', '1700'),

-> ('200', 'Operations', '0', '1700'),

-> ('210', 'IT Support', '0', '1700'),

-> ('220', 'NOC', '0', '1700'),

-> ('230', 'IT Helpdesk', '0', '1700'),

-> ('240', 'Government Sales', '0', '1700'),

-> ('250', 'Retail Sales', '0', '1700'),

-> ('260', 'Recruiting', '0', '1700'),

-> ('270', 'Payroll', '0', '1700');

Query OK, 27 rows affected (0.00 sec)

Records: 27 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> 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 (0.20 sec)

MariaDB [csd2204w18]> 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 (0.02 sec)

Records: 107 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> CREATE TABLE IF NOT EXISTS `job\_history` (

-> `EMPLOYEE\_ID` decimal(6,0) NOT NULL,

-> `START\_DATE` date NOT NULL,

-> `END\_DATE` date NOT NULL,

-> `JOB\_ID` varchar(10) NOT NULL,

-> `DEPARTMENT\_ID` decimal(4,0) DEFAULT NULL,

-> PRIMARY KEY (`EMPLOYEE\_ID`,`START\_DATE`),

-> KEY `JHIST\_DEPARTMENT\_IX` (`DEPARTMENT\_ID`),

-> KEY `JHIST\_EMPLOYEE\_IX` (`EMPLOYEE\_ID`),

-> KEY `JHIST\_JOB\_IX` (`JOB\_ID`)

-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1;

Query OK, 0 rows affected (0.30 sec)

MariaDB [csd2204w18]> INSERT INTO `job\_history` (`EMPLOYEE\_ID`, `START\_DATE`, `END\_DATE`, `JOB\_ID`, `DEPARTMENT\_ID`) VALUES

-> ('102', '1993-01-13', '1998-07-24', 'IT\_PROG', '60'),

-> ('101', '1989-09-21', '1993-10-27', 'AC\_ACCOUNT', '110'),

-> ('101', '1993-10-28', '1997-03-15', 'AC\_MGR', '110'),

-> ('201', '1996-02-17', '1999-12-19', 'MK\_REP', '20'),

-> ('114', '1998-03-24', '1999-12-31', 'ST\_CLERK', '50'),

-> ('122', '1999-01-01', '1999-12-31', 'ST\_CLERK', '50'),

-> ('200', '1987-09-17', '1993-06-17', 'AD\_ASST', '90'),

-> ('176', '1998-03-24', '1998-12-31', 'SA\_REP', '80'),

-> ('176', '1999-01-01', '1999-12-31', 'SA\_MAN', '80'),

-> ('200', '1994-07-01', '1998-12-31', 'AC\_ACCOUNT', '90'),

-> ('0', '0000-00-00', '0000-00-00', '', '0');

Query OK, 11 rows affected (0.00 sec)

Records: 11 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> 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 (0.20 sec)

MariaDB [csd2204w18]> 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 (0.00 sec)

Records: 19 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> 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 (0.73 sec)

MariaDB [csd2204w18]> 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 (0.01 sec)

Records: 23 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> 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 (0.55 sec)

MariaDB [csd2204w18]> 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 [csd2204w18]> tee c:/xampp/day10log.txt;

Logging to file 'c:/xampp/day10log.txt'

MariaDB [csd2204w18]> CREATE TABLE manu(

-> Code INTEGER(3) AUTO\_INCREMENT ,

-> Name VARCHAR(50) NOT NULL,

-> CONSTRAINT PK\_MANU PRIMARY KEY (CODE)

-> );

Query OK, 0 rows affected (0.81 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Sony');

Query OK, 1 row affected (0.19 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Creative Labs');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Hewlett-Packard');

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Iomega');

Query OK, 1 row affected (0.16 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Fujitsu');

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Winchester');

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('moxDroid Labs Inc');

Query OK, 1 row affected (0.17 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES("Dell");

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES("Bell Labs");

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> CREATE TABLE Products (

-> Code INTEGER(3) AUTO\_INCREMENT,

-> Name VARCHAR(255) NOT NULL ,

-> Price DECIMAL NOT NULL ,

-> Manufacturer INTEGER(3),

-> CONSTRAINT PK\_PRODUCTS PRIMARY KEY (Code),

-> CONSTRAINT FK\_PRODUCTS FOREIGN KEY (Manufacturer) REFERENCES manu(Code)

-> );

Query OK, 0 rows affected (1.34 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Hard drive',240,5);

Query OK, 1 row affected (0.25 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Memory',120,6);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('ZIP drive',150,4);

Query OK, 1 row affected (0.25 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Floppy disk',5,6);

Query OK, 1 row affected (0.20 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Monitor',240,1);

Query OK, 1 row affected (0.14 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD drive',180,2);

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('CD drive',90,2);

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',270,3);

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',66,3);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',180,2);

Query OK, 1 row affected (0.14 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',40.00,7);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',54.00,7);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',78.00,7);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> create view d10\_v1 select \* from products;

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 \* from products' at line 1

MariaDB [csd2204w18]> create view d10\_v1 as select \* from products;

Query OK, 0 rows affected (0.22 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| countries |

| d10\_v1 |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| manu |

| products |

| regions |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

13 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where code>6;

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

| Code | Name | Price | Manufacturer |

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

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where code in(3,4,5);

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

| Code | Name | Price | Manufacturer |

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

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where price between 50 and 200;

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

| Code | Name | Price | Manufacturer |

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

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name like 'd%';

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

| Code | Name | Price | Manufacturer |

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

| 6 | DVD drive | 180 | 2 |

| 10 | DVD burner | 180 | 2 |

| 13 | DVD burner | 78 | 7 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^d';

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

| Code | Name | Price | Manufacturer |

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

| 6 | DVD drive | 180 | 2 |

| 10 | DVD burner | 180 | 2 |

| 13 | DVD burner | 78 | 7 |

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

3 rows in set (0.01 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^r$';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'r$';

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

| Code | Name | Price | Manufacturer |

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

| 5 | Monitor | 240 | 1 |

| 8 | Printer | 270 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 13 | DVD burner | 78 | 7 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^.{5}';

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

13 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^.{5}\*';

ERROR 1139 (42000): Got error 'nothing to repeat at offset 5' from regexp

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^.{5}$';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^.{6}$';

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

| Code | Name | Price | Manufacturer |

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

| 2 | Memory | 120 | 6 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^.{7}$';

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

| Code | Name | Price | Manufacturer |

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

| 5 | Monitor | 240 | 1 |

| 8 | Printer | 270 | 3 |

| 11 | Printer | 40 | 7 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v1 where name regexp'^.\*$';

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

13 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into d10\_v1 values(14,'pen',120,5);

Query OK, 1 row affected (0.28 sec)

MariaDB [csd2204w18]> select \* from d10\_v1;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

| 14 | pen | 120 | 5 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18]> update d10\_v1 set name='click pen'where code=14;

Query OK, 1 row affected (0.22 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \* from d10\_v1;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

| 14 | click pen | 120 | 5 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from products;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

| 14 | click pen | 120 | 5 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18]> delete \* from d10\_v1 where code=14;

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 d10\_v1 where code=14' at line 1

MariaDB [csd2204w18]> delete from d10\_v1 where code=14;

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> select \* from d10\_v1;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

13 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from products;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

13 rows in set (0.00 sec)

MariaDB [csd2204w18]> create view d10\_v8 as select products.code,products.name "products",manu.name "manufacturer" from manu inner join products on product.code=manu.code;

ERROR 1054 (42S22): Unknown column 'product.code' in 'on clause'

MariaDB [csd2204w18]> create view d10\_v8 as select products.code,products.name "products",manu.name "manufacturer" from manu inner join products on products.code=manu.code;

Query OK, 0 rows affected (0.08 sec)

MariaDB [csd2204w18]> create view d10\_v8 as select products.code,products.name "products",manu.name "manufacturer" from manu inner join products on products.code=manu.code;

ERROR 1050 (42S01): Table 'd10\_v8' already exists

MariaDB [csd2204w18]> select \* from d10\_v8;

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

| code | products | manufacturer |

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

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into d10\_v8 values(14,'ps4','sony');

ERROR 1394 (HY000): Can not insert into join view 'csd2204w18.d10\_v8' without fields list

MariaDB [csd2204w18]> update d10\_v8 set manufacturer='sony'where code=9;

Query OK, 1 row affected (0.28 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \* from d10\_v8;

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

| code | products | manufacturer |

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

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | sony |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from products;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

13 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from manu;

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

| Code | Name |

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

| 1 | Sony |

| 2 | Creative Labs |

| 3 | Hewlett-Packard |

| 4 | Iomega |

| 5 | Fujitsu |

| 6 | Winchester |

| 7 | moxDroid Labs Inc |

| 8 | Dell |

| 9 | sony |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from d10\_v8;

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

| code | products | manufacturer |

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

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | sony |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> delete from d10\_v8 where code=8;

ERROR 1395 (HY000): Can not delete from join view 'csd2204w18.d10\_v8'

MariaDB [csd2204w18]> create view v\_today(today) as select current\_date;

Query OK, 0 rows affected (0.27 sec)

MariaDB [csd2204w18]> select \* from v\_today;

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

| today |

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

| 2018-01-19 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> create or replace view v\_today(now) as select now();

Query OK, 0 rows affected (0.20 sec)

MariaDB [csd2204w18]> select \* from v\_today;

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

| now |

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

| 2018-01-19 08:49:52 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> drop view if exists v\_today;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> desc employees;

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

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

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

| EMPLOYEE\_ID | decimal(6,0) | NO | PRI | 0 | |

| FIRST\_NAME | varchar(20) | YES | | NULL | |

| LAST\_NAME | varchar(25) | NO | MUL | NULL | |

| EMAIL | varchar(25) | NO | UNI | NULL | |

| PHONE\_NUMBER | varchar(20) | YES | | NULL | |

| HIRE\_DATE | date | NO | | NULL | |

| JOB\_ID | varchar(10) | NO | MUL | NULL | |

| SALARY | decimal(8,2) | YES | | NULL | |

| COMMISSION\_PCT | decimal(2,2) | YES | | NULL | |

| MANAGER\_ID | decimal(6,0) | YES | MUL | NULL | |

| DEPARTMENT\_ID | decimal(4,0) | YES | MUL | NULL | |

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

11 rows in set (0.05 sec)

MariaDB [csd2204w18]> create view d10\_v4 as select first\_name,last\_name from employees where employee\_id =(select employee\_id from employees where last\_name='bell');

Query OK, 0 rows affected (0.09 sec)

MariaDB [csd2204w18]> select \* from d10\_v4;

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

| first\_name | last\_name |

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

| Sarah | Bell |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]>