0-CREATE DATABASE HR;

1-1-1CREATE TABLE countries (

COUTRY\_ID CHAR(2)

COUTRY\_NAME VARCHAR5(40)

REGION\_ID INT(20)

) ;

Supprimer un table sur mysql DROP TABLE Shippers;

1-2-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')

2-1\_CREATE TABLE departement (

DEPARTEMENT\_ID INT(20),

DEPARTEMENT\_ NAME VARCHAR(40),

MANAGER\_ID INT(20),

LOCATION\_ID INT(20),

) ;

2-2-INSERT INTO departement ( DEPARTEMENT\_ID,DEPARTEMENT\_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');

3-1employees

3-1CREATE TABLE employees (

EMPLOYEE\_ID INT(20),

FIRST\_NAME VARCHAR(20),

LAST\_NAME VARCHAR(20),

EMAIL VARCHAR(25),

PHONE\_NUMBER VARCHAR(20),

HIRE\_DATE DATE,

JOB\_ID VARCHAR(10),

SALARY INT(20);

COMMISSION\_PCT INT(20),

MANAGER\_ID INT(20),

DEPARTMENT\_ID INT(20)

);

3-2INSERT 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');

4-1CREATE TABLE job\_history (

EMPLOYEE\_ID INT(20),

START\_DATE DATE,

END\_DATE DATE,

JOB\_ID VARCHAR(10),

DEPARTMENT\_ID INT(10),

);

4-2-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')

5-1-CREATE TABLE jobs (

JOB\_ID VARCHAR(10),

JOB\_TITLE VARCHAR(35),

MIN\_SALARY INT(20),

MAX\_SALARY INT(20)

);

5-2-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')

6-1-CREATE TABLES locations (

LOCATION\_ID INT(20),

STREET\_ADDRESS VARCHAR(25),

POSTAL\_CODE VARCHAR(12),

CITY VARCHAR(30),

STATE\_PROVINCE VARCHAR(12),

COUNTRY\_ID CHAR(2)

);

6-2 –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', '"')

7-1-CREATE TABLE regions (

REGION\_ID INT(10),

REGION\_NAME VARCHAR(25)

);

7-2-INSERT INTO regions(REGION\_ID,REGION\_NAME) VALUES ('1', 'Europe\r'),

('2', 'Americas\r'),

('3', 'Asia\r'),

('4', 'Middle East and Africa\r')

Crée un cle primery :ALTER TABLE countries ADD PRIMARY KEY (COUNTRY\_ID);

8- [SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=ad831f0a32b84fad28f13473484f4e8f) FIRST\_NAME,LAST\_NAME FROM employees

[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=ad831f0a32b84fad28f13473484f4e8f) FIRST\_NAME AS non FROM employees

9- [SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=ad831f0a32b84fad28f13473484f4e8f) EMPLOYEE\_ID FROM employees

10- [SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=ad831f0a32b84fad28f13473484f4e8f)\*FROM employees ORDER BY FIRST\_NAME DESC

11-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1) FIRST\_NAME AS Prenon, LAST\_NAME AS nom, SALARY AS SALAIRE, ((SALARY\*15)/100) AS CP FROM employees

12-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1) EMPLOYEE\_ID ,FIRST\_NAME AS Prénon, LAST\_NAME AS nom, salary FROM `employees` ORDER BY salary ASC

15- [SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=ad831f0a32b84fad28f13473484f4e8f) [COUNT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=ad831f0a32b84fad28f13473484f4e8f#function_count)(\*) FROM employees

13- SELECT SUM(SALARY) FROM employees

14- SELECT AVG(SALARY) FROM employees

SELECT COUNT(SALARY) FROM employees

19-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1) [MAX](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1#function_max)(SALARY) AS MAXIMAL , [MIN](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1#function_min)(SALARY) AS MINimal FROM employees

16-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1) DISTINCT job\_id FROM `employees`

17-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1) UPPER (FIRST\_NAME) AS Prénon FROM employees

18-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=58fe4a98aaf5b474525599ecd5325bc1) SUBSTR("FIRST\_NAME", 1, 3) FROM employees

20-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6) first\_name AS prénon, last\_name AS nom, salary FROM `employees` WHERE salary [NOT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_not) BETWEEN 10000 [AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_and) 15000

21-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6) first\_name AS Prénon,last\_name AS nom ,department\_id FROM `employees` WHERE department\_id = 30 [OR](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_or) department\_id = 100 ORDER BY department\_id ASC

22- [SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6) FIRST\_NAME AS prenon, LAST\_NAME AS NOM ,department\_id, SALARY FROM employees WHERE (SALARY [NOT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_not) BETWEEN 10000 [AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_and) 15000 )[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_and) ( department\_id = 30 [OR](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=9c1fc6a8fc26a27ba12ea85f0214d6a6#operator_or) department\_id = 100 )

23-SELECT first\_name AS prénon,last\_name AS nom, hire\_date FROM `employees` WHERE hire\_date LIKE '1987%'

24-[SELECT](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=8f160a78680aeec7ed6b602fca62e697) employees.first\_name, employees.last\_name, departments.department\_name FROM employees ,departments WHERE departments.department\_name [like](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-comparison-functions.html&server=0&token=8f160a78680aeec7ed6b602fca62e697#operator_like) 'IT%'