

```

create table professor
(profno number(4) primary key,
name varchar2(20) not null,
id varchar2(15) not null,
position varchar2 (30) not null,
pay number (3) not null,
hiredate date not null,
bonus number(4) ,
deptno number(3),
email varchar2(50),
hpage varchar2(50));

insert into professor
values(1001,'Audie Murphy','Murphy','a full
professor',550,to_date('1980-06-23','YYYY-MM-DD'),100,101,'captain@abc.net','http://www.abc.net');

insert into professor
values(1002,'Angela Bassett','Bassett','assistant
professor',380,to_date('1987-01-30','YYYY-MM-DD'),60,101,'sweety@abc.net','http://www.abc.net');

insert into professor
values (1003,'Jessica
Lange','Lange','instructor',270,to_date('1998-03-22','YYYY-MM-DD'),null,101,'pman@power.com','http://www.power.com');

insert into professor
values (2001,'Winona
Ryder','Ryder','instructor',250,to_date('2001-09-01','YYYY-MM-DD'),null,102,'lamb1@hamail.net',null);

insert into professor
values (2002,'Michelle Pfeiffer','Pfeiffer','assistant
professor',350,to_date('1985-11-30','YYYY-MM-DD'),80,102,'number1@naver.com','http://num1.naver.com');

insert into professor
values (2003,'Whoopi Goldberg','Goldberg','a full
professor',490,to_date('1982-04-29','YYYY-MM-DD'),90,102,'bdragon@naver.com',null);

insert into professor
values (3001,'Emma Thompson','Thompson','a full
professor',530,to_date('1981-10-23','YYYY-MM-DD'),110,103,'angel1004@hanmir.com',null);

insert into professor
values (3002,'Julia Roberts','Roberts','assistant
professor',330,to_date('1997-07-01','YYYY-MM-DD'),50,103,'naone10@empal.com',null);

insert into professor
values (3003,'Sharon Stone','Stone','instructor',290,to_date('2002-02-24','YYYY-MM-DD'),null,103,'only_u@abc.com',null);

insert into professor
values (4001,'Meryl Streep','Streep','a full
professor',570,to_date('1981-10-23','YYYY-MM-DD'),130,201,'chebin@daum.net',null);

insert into professor
values (4002,'Susan Sarandon','Sarandon','assistant
professor',330,to_date('2009-08-30','YYYY-MM-DD'),null,201,'gogogo@def.com',null);

insert into professor
values (4003,'Nicole Kidman','Kidman','assistant
professor',310,to_date('1999-12-01','YYYY-MM-DD'),50,202,'mypride@hanmail.net',null);

```

```
insert into professor
values
Hunter','Hunter','instructor',260,to_date('2009-01-28','YYYY-MM-DD'),null,202,'ironman@naver.com',null);
```

```
insert into professor
values
professor',500,to_date('1985-09-18','YYYY-MM-DD'),80,203,'standkang@naver.com',null);
```

```
insert into professor
values
Macdowell','Macdowell','instructor',220,to_date('2010-06-28','YYYY-MM-DD'),null,301,'napeople@jass.com',null);
```

```
insert into professor
values
professor',290,to_date('2001-05-23','YYYY-MM-DD'),30,301,'silver-her@daum.net',null);
```

```
commit;
```

```
create table department
( deptno number(3) primary key ,
  dname varchar2(50) not null,
  part number(3),
  build varchar2(30)) ;
```

```
insert into department
values (101,'Computer Engineering',100,'Information Bldg');
```

```
insert into department
values (102,'Multimedia Engineering',100,'Multimedia Bldg');
```

```
insert into department
values (103,'Software Engineering',100,'Software Bldg');
```

```
insert into department
values (201,'Electronic Engineering',200,'Electronic Control Bldg');
```

```
insert into department
values (202,'Mechanical Engineering',200,'Machining Experiment Bldg');
```

```
insert into department
values (203,'Chemical Engineering',200,'Chemical Experiment Bldg');
```

```
insert into department
values (301,'Library and Information science',300,'College of Liberal Arts');
```

```
insert into department
values (100,'Department of Computer Information',10,null);
```

```
insert into department
values (200,'Department of Mechatronics',10,null);
```

```
insert into department
values (300,'Department of Humanities and Society',20,null);
```

```
insert into department
values (10,'College of Engineering',null,null);
```

```
insert into department
values (20,'College of Liberal Arts',null,null);
```

```
commit;
```

```
create table student
( studno number(4) primary key,
  name  varchar2(30) not null,
  id varchar2(20) not null unique,
  grade number check(grade between 1 and 6),
  jumin char(13) not null,
  birthday date,
  tel varchar2(15),
  height number(4),
  weight number(3),
  deptno1 number(3),
  deptno2 number(3),
  profno number(4));
```

```
insert into student values (
9411,'James Seo','75true',4,'7510231901813',to_date('1975-10-23','YYYY-MM-DD'),'055)381-2158',180,72,101,201,1001);
```

```
insert into student values (
9412,'Rene Russo','Russo',4,'7502241128467',to_date('1975-02-24','YYYY-MM-DD'),'051)426-1700',172,64,102,null,2001);
```

```
insert into student values (
9413,'Sandra Bullock','Bullock',4,'7506152123648',to_date('1975-06-15','YYYY-MM-DD'),'053)266-8947',168,52,103,203,3002);
```

```
insert into student values (
9414,'Demi Moore','Moore',4,'7512251063421',to_date('1975-12-25','YYYY-MM-DD'),'02)6255-9875',177,83,201,null,4001);
```

```
insert into student values (
9415,'Danny Glover','Glover',4,'7503031639826',to_date('1975-03-03','YYYY-MM-DD'),'031)740-6388',182,70,202,null,4003);
```

```
insert into student values (
9511,'Billy Crystal','Crystal',3,'7601232186327',to_date('1976-01-23','YYYY-MM-DD'),'055)333-6328',164,48,101,null,1002);
```

```
insert into student values (
9512,'Nicholas Cage','Cage',3,'7604122298371',to_date('1976-04-12','YYYY-MM-DD'),'051)418-9627',161,42,102,201,2002);
```

```
insert into student values (
9513,'Micheal Keaton','Keaton',3,'7609112118379',to_date('1976-09-11','YYYY-MM-DD'),'051)724-9618',177,55,202,null,4003);
```

```
insert into student values (
9514,'Bill Murray','Murray',3,'7601202378641',to_date('1976-01-20','YYYY-MM-DD'),'055)296-3784',160,58,301,101,4007);
```

```
insert into student values (
9515,'Macaulay Culkin','Culkin',3,'7610122196482',to_date('1976-10-12','YYYY-MM-DD'),'02)312-9838',171,54,201,null,4001);
```

```
insert into student values (
9516,'Dreyfus','Dreyfus',2,'7711291186223',to_date('1977-11-29','YYYY-MM-DD'),'02)6788-4861',182,72,101,null,1002);
```

```
insert into student values (
9612,'Tim Robbins','Robbins',2,'7704021358674',to_date('1977-04-02','YYYY-MM-DD'),'055)488-2998',171,70,102,null,2001);
```

```

insert into student values (
9613,'Wesley Snipes','Snipes',2,'7709131276431',to_date('1977-09-13','YYYY-MM-DD'),'053)736-4981',175.82,201,null,4002);

insert into student values (
9614,'Steve Martin','Martin',2,'7702261196365',to_date('1977-02-26','YYYY-MM-DD'),'02)6175-3945',166.51,201,null,4003);

insert into student values (
9615,'Day-Lewis','Day-Lewis',2,'7712141254963',to_date('1977-12-14','YYYY-MM-DD'),'051)785-6984',184.62,301,null,4007);

insert into student values (
9711,'Danny Devito','Devito',1,'7808192157498',to_date('1978-08-19','YYYY-MM-DD'),'055)278-3649',162.48,101,null,null);

insert into student values (
9712,'Sean Connery','Connery',1,'7801051776346',to_date('1978-01-05','YYYY-MM-DD'),'02)381-5440',175.63,201,null,null);

insert into student values (
9713,'Christian Slater','Slater',1,'7808091786954',to_date('1978-08-09','YYYY-MM-DD'),'031)345-5677',173.69,201,null,null);

insert into student values (
9714,'Charlie Sheen','Sheen',1,'7803241981987',to_date('1978-03-24','YYYY-MM-DD'),'055)423-9870',179.81,102,null,null);

insert into student values (
9715,'Anthony Hopkins','Hopkins',1,'7802232116784',to_date('1978-02-23','YYYY-MM-DD'),'02)6122-2345',163.51,103,null,null);

commit;
```

```

CREATE TABLE EMP2 (
EMPNO      NUMBER PRIMARY KEY,
NAME       VARCHAR2(30) NOT NULL,
BIRTHDAY   DATE,
DEPTNO     VARCHAR2(06) NOT NULL,
EMP_TYPE   VARCHAR2(30),
TEL        VARCHAR2(15),
HOBBY      VARCHAR2(30),
PAY        NUMBER,
POSITION   VARCHAR2(30),
PEMPNO     NUMBER );
```

```

INSERT INTO EMP2 VALUES (19900101,'Kurt Russell',TO_DATE('19640125','YYYYMMDD'),'0001','Permanent
employee','054)223-0001','music',100000000,'Boss',null);
INSERT INTO EMP2 VALUES (19960101,'Al Pacino',TO_DATE('19730322','YYYYMMDD'),'1000','Permanent
employee','02)6255-8000','reading',72000000,'Department head',19900101);
INSERT INTO EMP2 VALUES (19970201,'Woody Harrelson',TO_DATE('19750415','YYYYMMDD'),'1000','Permanent
employee','02)6255-8005','Fitness',50000000,'Section head',19960101);
INSERT INTO EMP2 VALUES (19930331,'Tommy Lee Jones',TO_DATE('19760525','YYYYMMDD'),'1001','Perment
employee','02)6255-8010','bike',60000000,'Deputy department head',19960101);
INSERT INTO EMP2 VALUES (19950303,'Gene Hackman',TO_DATE('19730615','YYYYMMDD'),'1002','Perment
employee','02)6255-8020','Marathon',56000000,'Section head',19960101);
INSERT INTO EMP2 VALUES (19966102,'Kevin Bacon',TO_DATE('19720705','YYYYMMDD'),'1003','Perment
employee','052)223-4000','Music',75000000,'Department head',19900101);
INSERT INTO EMP2 VALUES (19930402,'Hugh Grant',TO_DATE('19720815','YYYYMMDD'),'1004','Perment
employee','042)998-7005','Climb',51000000,'Section head',19966102);
INSERT INTO EMP2 VALUES (19960303,'Keanu Reeves',TO_DATE('19710925','YYYYMMDD'),'1005','Perment
employee','031)564-3340','Climb',35000000,'Deputy Section chief',19966102);
```

```

INSERT INTO EMP2 VALUES (19970112,'Val Kilmer',TO_DATE('19761105','YYYYMMDD'),'1006','Perment
employee','054)223-4500','Swim',68000000,'Department head',19900101);
INSERT INTO EMP2 VALUES (19960212,'Chris O'Donnell',TO_DATE('19721215','YYYYMMDD'),'1007','Perment
employee','054)223-4600',null,49000000,'Section head',19970112);
INSERT INTO EMP2 VALUES (20000101,'Jack Nicholson',TO_DATE('19850125','YYYYMMDD'),'1008','Contracted
Worker','051)123-4567','Climb', 30000000,'',19960212);
INSERT INTO EMP2 VALUES (20000102,'Denzel Washington',TO_DATE('19830322','YYYYMMDD'),'1009','Contracted
Worker','031)234-5678','Fishing', 30000000,'',19960212);
INSERT INTO EMP2 VALUES (20000203,'Richard Gere',TO_DATE('19820415','YYYYMMDD'),'1010','Contracted
Worker','02)2345-6789','Baduk', 30000000,'',19960212);
INSERT INTO EMP2 VALUES (20000334,'Kevin Costner',TO_DATE('19810525','YYYYMMDD'),'1011','Contracted
Worker','053)456-7890','Singing', 30000000,'',19960212);
INSERT INTO EMP2 VALUES (20000305,'JohnTravolta',TO_DATE('19800615','YYYYMMDD'),'1008','Probation','051)567-8901','Reading
book', 22000000,'',19960212);
INSERT INTO EMP2 VALUES (20006106,'Robert De
Niro',TO_DATE('19800705','YYYYMMDD'),'1009','Probation','031)678-9012','Drinking', 22000000,'',19960212);
INSERT INTO EMP2 VALUES (20000407,'Sly
Stallone',TO_DATE('19800815','YYYYMMDD'),'1010','Probation','02)2789-0123','Computer game', 22000000,'',19960212);
INSERT INTO EMP2 VALUES (20000308,'Tom
Cruise',TO_DATE('19800925','YYYYMMDD'),'1011','Intern','053)890-1234','Golf', 20000000,'',19960212);
INSERT INTO EMP2 VALUES (20000119,'Harrison
Ford',TO_DATE('19801105','YYYYMMDD'),'1004','Intern','042)901-2345','Drinking', 20000000,'',19930402);
INSERT INTO EMP2 VALUES (20000210,'Clint
Eastwood',TO_DATE('19801215','YYYYMMDD'),'1005','Intern','031)345-3456','Reading book', 20000000,'',19960303);
COMMIT;

```

```

CREATE TABLE DEPT2 (
DCODE VARCHAR2(06) PRIMARY KEY,
DNAME VARCHAR2(30) NOT NULL,
PDEPT VARCHAR2(06) ,
AREA VARCHAR2(30)) ;

```

```

INSERT INTO DEPT2 VALUES ('0001','President','', 'Pohang Main Office');
INSERT INTO DEPT2 VALUES ('1000','Management Support Team','0001','Seoul Branch Office');
INSERT INTO DEPT2 VALUES ('1001','Financial Management Team','1000','Seoul Branch Office');
INSERT INTO DEPT2 VALUES ('1002','General affairs','1000','Seoul Branch Office');
INSERT INTO DEPT2 VALUES ('1003','Engineering division','0001','Pohang Main Office');
INSERT INTO DEPT2 VALUES ('1004','H/W Support Team','1003','Daejeon Branch Office');
INSERT INTO DEPT2 VALUES ('1005','S/W Support Team','1003','Kyunggi Branch Office');
INSERT INTO DEPT2 VALUES ('1006','Business Department','0001','Pohang Main Office');
INSERT INTO DEPT2 VALUES ('1007','Business Planning Team','1006','Pohang Main Office');
INSERT INTO DEPT2 VALUES ('1008','Sales1 Team','1007','Busan Branch Office');
INSERT INTO DEPT2 VALUES ('1009','Sales2 Team','1007','Kyunggi Branch Office');
INSERT INTO DEPT2 VALUES ('1010','Sales3 Team','1007','Seoul Branch Office');
INSERT INTO DEPT2 VALUES ('1011','Sales4 Team','1007','Ulsan Branch Office');

```

commit;

```

CREATE TABLE cal
(weekno varchar2(1),
day varchar2(5),
dayno varchar2(2)) ;

```

```

insert into cal values ('1','SUN','1');
insert into cal values ('1','MON','2');
insert into cal values ('1','TUE','3');
insert into cal values ('1','WED','4');
insert into cal values ('1','THU','5');
insert into cal values ('1','FRI','6');
insert into cal values ('1','SAT','7');
insert into cal values ('2','SUN','8');
insert into cal values ('2','MON','9');
insert into cal values ('2','TUE','10');
insert into cal values ('2','WED','11');
insert into cal values ('2','THU','12');
insert into cal values ('2','FRI','13');
insert into cal values ('2','SAT','14');
insert into cal values ('3','SUN','15');
insert into cal values ('3','MON','16');
insert into cal values ('3','TUE','17');
insert into cal values ('3','WED','18');
insert into cal values ('3','THU','19');
insert into cal values ('3','FRI','20');
insert into cal values ('3','SAT','21');
insert into cal values ('4','SUN','22');
insert into cal values ('4','MON','23');
insert into cal values ('4','TUE','24');
insert into cal values ('4','WED','25');
insert into cal values ('4','THU','26');
insert into cal values ('4','FRI','27');
insert into cal values ('4','SAT','28');
insert into cal values ('5','SUN','29');
insert into cal values ('5','MON','30');
insert into cal values ('5','TUE','31');
commit ;

```

```

create table gift
( gno number ,
  gname varchar2(30) ,
  g_start number ,
  g_end number ) ;

```

```

insert into gift values(1,'Tuna Set',1,100000);
insert into gift values(2,'Shampoo Set',100001,200000);
insert into gift values(3,'Car wash Set',200001,300000);
insert into gift values(4,'Kitchen Supplies Set',300001,400000);
insert into gift values(5,'Mountain bike',400001,500000);
insert into gift values(6,'LCD Monitor',500001,600000);
insert into gift values(7,'Notebook',600001,700000);
insert into gift values(8,'Wall-Mountable TV',700001,800000);
insert into gift values(9,'Drum Washing Machine',800001,900000);
insert into gift values(10,'Refrigerator',900001,1000000);
commit ;

```

```

create table customer
(gno number(8) ,
 gname varchar2(30) ,
 jumin char(13) ,

```

point number) ;

```
insert into customer values (20010001,'James Seo','7510231369824',980000);
insert into customer values (20010002,'Mel Gibson','7502241128467',730000);
insert into customer values (20010003,'Bruce Willis','7506152123648',320000);
insert into customer values (20010004,'Bill Pullman','7512251063421',650000);
insert into customer values (20010005,'Liam Neeson','7503031639826',180000);
insert into customer values (20010006,'Samuel Jackson','7601232186327',153000);
insert into customer values (20010007,'Ahnjihye','7604212298371',273000);
insert into customer values (20010008,'Jim Carrey','7609112118379',315000);
insert into customer values (20010009,'Morgan Freeman','7601202378641',542000);
insert into customer values (20010010,'Arnold Scharz','7610122196482',265000);
insert into customer values (20010011,'Brad Pitt','7711291186223',110000);
insert into customer values (20010012,'Michael Douglas','7704021358674',990000);
insert into customer values (20010013,'Robin Williams','7709131276431',470000);
insert into customer values (20010014,'Tom Hanks','7702261196365',298000);
insert into customer values (20010015,'Angela Bassett','7712141254963',420000);
insert into customer values (20010016,'Jessica Lange','7808192157498',598000);
insert into customer values (20010017,'Winona Ryder','7801051776346',625000);
insert into customer values (20010018,'Michelle Pfeiffer','7808091786954',670000);
insert into customer values (20010019,'Whoopi Goldberg','7803242114563',770000);
insert into customer values (20010020,'Emma Thompson','7802232116784',730000);
commit ;
```

```
create table hakjum
(grade char(3) ,
 min_point number ,
 max_point number ) ;
```

```
insert into hakjum values ('A+',96,100);
insert into hakjum values ('A0',90,95);
insert into hakjum values ('B+',86,89);
insert into hakjum values ('B0',80,85);
insert into hakjum values ('C+',76,79);
insert into hakjum values ('C0',70,75);
insert into hakjum values ('D',0.69);
commit;
```

```
create table score
(studno number ,
 total number) ;
```

```
insert into score values (9411,97);
insert into score values (9412,78);
insert into score values (9413,83);
insert into score values (9414,62);
insert into score values (9415,88);
insert into score values (9511,92);
insert into score values (9512,87);
insert into score values (9513,81);
insert into score values (9514,79);
insert into score values (9515,95);
insert into score values (9611,89);
insert into score values (9612,77);
insert into score values (9613,86);
insert into score values (9614,82);
```

```

insert into score values (9615,87);
insert into score values (9711,91);
insert into score values (9712,88);
insert into score values (9713,82);
insert into score values (9714,83);
insert into score values (9715,84);

```

```

commit ;

```

```

create table p_grade
( position varchar2(30) ,
  s_age number ,
  e_age number ,
  s_year number ,
  e_year number ,
  s_pay number ,
  e_pay number ) ;

```

```

insert into p_grade values ('Manager',0,24,1,2,12000000,29990000);
insert into p_grade values ('Deputy Section chief',25,28,3,5,30000000,45000000);
insert into p_grade values ('Section head',29,32,6,8,45010000,51000000);
insert into p_grade values ('Deputy department head',33,36,9,10,51010000,60000000);
insert into p_grade values ('Department head',37,40,11,13,60010000,75000000);
insert into p_grade values ('Director',41,55,14,99,75010000,100000000);
commit ;

```

```

CREATE TABLE t_reg
( text varchar2(10)) ;

```

```

INSERT ALL
INTO t_reg VALUES('ABC123')
INTO t_reg VALUES('ABC 123')
INTO t_reg VALUES('ABC 123')
INTO t_reg VALUES('abc 123')
INTO t_reg VALUES('abc 123')
INTO t_reg VALUES('a1b2c3')
INTO t_reg VALUES('aabbcc123')
INTO t_reg VALUES('?!@#*$&')
INTO t_reg VALUES('\~*()..')
INTO t_reg VALUES(123123)
INTO t_reg VALUES('123abc')
INTO t_reg VALUES('abc')
SELECT * FROM dual ;

```

```

commit;

```

```

CREATE TABLE p_01
(no number ,
 name varchar2(15) );

```

```

CREATE TABLE p_02
(no number ,
 name varchar2(15) );

```

```

create table pt_01
(sno varchar2(8) , pno char(4) , qty number , price number);

```



```
create table pt_02
(sno varchar2(8) , pno char(4) , qty number , price number);
```

```
create table p_total
(sno varchar2(8) , pno char(4) , qty number , price number);
```

```
INSERT ALL
  INTO pt_01 VALUES ('12010101','1000',1,500)
  INTO pt_01 VALUES ('12010102','1001',1,400)
  INTO pt_01 VALUES ('12010103','1003',1,300)
  INTO pt_02 VALUES ('12010201','1004',1,600)
  INTO pt_02 VALUES ('12010202','1000',1,500)
  INTO pt_02 VALUES ('12010203','1005',1,700)
SELECT * FROM dual ;
```

```
commit;
```

```
CREATE TABLE dml_err_test
( no number primary key,
  name varchar2(10)) tablespace example;
```

```
INSERT ALL
  INTO dml_err_test VALUES (1,'AAA')
  INTO dml_err_test VALUES (2,'BBB')
SELECT * FROM dual ;
```

```
commit ;
```

```
CREATE TABLE t_novvalidate
( no number primary key ,
  name varchar2(10) not null ) tablespace example;
```

```
INSERT INTO t_novvalidate VALUES(1,'AAA');
INSERT INTO t_novvalidate VALUES(2,'BBB');
INSERT INTO t_novvalidate VALUES(3,'CCC');
COMMIT ;
```

```
CREATE TABLE product
( p_code number(3) primary key,
  p_name varchar2(20) not null ,
  p_price number);
```

```
insert into product values (100,'Shrimp snack',800);
insert into product values (101,'Patato snack',900);
insert into product values (102,'Peanut snack',1000);
insert into product values (103,'Sesame snack',900);
insert into product values (104,'Onion snack',800);
insert into product values (105,'Sweet potato snack',1500);
commit;
```

```

create table panmae
( p_date varchar2(8) not null,
  p_code number not null,
  p_qty  number ,
  p_total number ,
  p_store varchar2(5) ) ;

```

```

insert into panmae values ('20110101',100,3,2400,'1000');
insert into panmae values ('20110101',101,5,4500,'1001');
insert into panmae values ('20110101',102,2,2000,'1003');
insert into panmae values ('20110101',103,6,5400,'1004');
insert into panmae values ('20110102',102,2,2000,'1000');
insert into panmae values ('20110102',103,5,4500,'1002');
insert into panmae values ('20110102',104,3,2400,'1002');
insert into panmae values ('20110102',105,2,3000,'1000');
insert into panmae values ('20110103',100,10,8000,'1004');
insert into panmae values ('20110103',100,2,1600,'1000');
insert into panmae values ('20110103',100,3,2400,'1001');
insert into panmae values ('20110103',101,4,3600,'1003');
insert into panmae values ('20110104',100,2,1600,'1002');
insert into panmae values ('20110104',100,4,3200,'1003');
insert into panmae values ('20110104',100,5,4000,'1004');
insert into panmae values ('20110104',101,3,2700,'1001');
insert into panmae values ('20110104',101,4,3600,'1002');
insert into panmae values ('20110104',101,3,2700,'1003');
insert into panmae values ('20110104',102,4,4000,'1001');
insert into panmae values ('20110104',102,2,2000,'1002');
insert into panmae values ('20110104',103,2,1800,'1003');

```

```

commit;

```

```

create table member
(no number(4) not null ,
  name varchar2(20) not null ,
  jumin char(13) primary key ,
  passwd varchar2(10) not null ,
  id  varchar2(10) not null unique ,
  an_key varchar2(10) ,
  an_key_dap  varchar2(15) );

```

```

insert into member
values (1001,'Nicholas Cage','7510231234567','a1234','simson','wife?','Jodie Foster') ;

```

```

insert into member
values(1002,'Jodie Foster','7509222345678','b1234','bobby','husband?','Nicholas Cage') ;

```

```

insert into member
values (1003,'Macaulay Culkin','1410234567890','c1234','daddy','father?','Nicholas Cage');

```

```

insert into member
values (1004,'Nicole Kidman','1609223456789','d1234','mommy','Mather?','Jodie Foster') ;

```

```

commit;

```

```
create table t_reg2
(no number ,
ip varchar2(20));
```

```
insert into t_reg2 values (1,'10.10.0.1') ;
insert into t_reg2 values (2,'10.10.10.1') ;
insert into t_reg2 values (3,'172.16.5.100') ;
insert into t_reg2 values (4,'172.61.186.2') ;
insert into t_reg2 values (5,'172.61.168.2') ;
insert into t_reg2 values (6,'255.255.255.0') ;
commit;
```

```
create table fruit (name varchar2(10) , price number(5)) tablespace example;
insert into fruit values ('apple' , 100) ;
insert into fruit values ('grape' , 200) ;
insert into fruit values ('orange' ,300) ;
commit;
```

```
create table loan
( l_date varchar2(8) not null,
l_code number not null,
l_qty number ,
l_total number ,
l_store varchar2(5) ) ;
```

```
insert into loan values ('20110101',100,3,2400,'1000');
insert into loan values ('20110101',101,5,4500,'1001');
insert into loan values ('20110101',102,2,2000,'1003');
insert into loan values ('20110101',103,6,5400,'1004');
insert into loan values ('20110102',102,2,2000,'1000');
insert into loan values ('20110102',103,5,4500,'1002');
insert into loan values ('20110102',104,3,2400,'1002');
insert into loan values ('20110102',105,2,3000,'1000');
insert into loan values ('20110103',100,10,8000,'1004');
insert into loan values ('20110103',100,2,1600,'1000');
insert into loan values ('20110103',100,3,2400,'1001');
insert into loan values ('20110103',101,4,3600,'1003');
insert into loan values ('20110104',100,2,1600,'1002');
insert into loan values ('20110104',100,4,3200,'1003');
insert into loan values ('20110104',100,5,4000,'1004');
insert into loan values ('20110104',101,3,2700,'1001');
insert into loan values ('20110104',101,4,3600,'1002');
insert into loan values ('20110104',101,3,2700,'1003');
insert into loan values ('20110104',102,4,4000,'1001');
insert into loan values ('20110104',102,2,2000,'1002');
insert into loan values ('20110104',103,2,1800,'1003');
```

```
CREATE TABLE EMP (
EMPNO      NUMBER(4, 0),
ENAME      VARCHAR2(10),
JOB        VARCHAR2(9),
MGR        NUMBER(4, 0),
HIREDATE   DATE,
```

```
SAL      NUMBER(7, 2),
COMM     NUMBER(7, 2),
DEPTNO   NUMBER(2, 0));
```

```
insert into emp values (7369,'SMITH','CLERK',7902,'1980-12-17',800,null,20);
insert into emp values (7499,'ALLEN','SALESMAN',7698,'1981-02-20',1600,300,30);
insert into emp values (7521,'WARD','SALESMAN',7698,'1982-02-22',1250,500,30);
insert into emp values (7566,'JONES','MANAGER',7839,'1981-04-02',2975,null,20);
insert into emp values (7654,'MARTIN','SALESMAN',7698,'1981-09-28',1250,1400,30);
insert into emp values (7698,'BLAKE','MANAGER',7839,'1981-05-01',2850,null,30);
insert into emp values (7782,'CLARK','MANAGER',7839,'1981-06-09',2450,null,10);
--insert into emp values (7788,'SCOTT','ANALYST',7566,'1987-04-17',3000,null,20);
insert into emp values (7839,'KING','PRESIDENT',null,'1981-11-17',5000,null,10);
insert into emp values (7844,'TURNER','SALESMAN',7698,'1981-09-08',1500,0,30);
--insert into emp values (7876,'ADAMS','CLERK',7788,'1987-05-23',1100,null,20);
insert into emp values (7900,'JAMES','CLERK',7698,'1981-12-03',950,null,30);
insert into emp values (7902,'FORD','ANALYST',7566,'1981-12-03',3000,null,20);
insert into emp values (7934,'MILLER','CLERK',7782,'1982-01-23',1300,null,10);
```

```
CREATE TABLE DEPT (
  DEPTNO   NUMBER(2,0),
  DNAME    VARCHAR2(14),
  LOC      VARCHAR2(13)) ;
```

```
insert into dept values (10,'ACCOUNTING','NEW YORK');
insert into dept values (20,'RESEARCH','DALLAS');
insert into dept values (30,'SALES','CHICAGO');
insert into dept values (40,'OPERATIONS','BOSTON');
```

```
commit;
```