

```
create database Business
```

```
create table Salesman
```

```
(  
salesman_id numeric(5) primary key,  
name varchar(30) not null,  
city varchar(15) not null,  
commission decimal(5,2) not null  
)
```

```
insert into Salesman values(5001,'James Hoog','New York',0.15)
```

```
insert into Salesman values(5002,'Nail Knite','Paris',0.13)
```

```
insert into Salesman values(5005,'Pit Alex','London',0.11)
```

```
insert into Salesman values(5006,'Mc Lyon','Paris',0.14)
```

```
insert into Salesman values(5007,'Paul Adam','Rome',0.13)
```

```
insert into Salesman values(5003,'Lauson Hen','San Jose',0.12)
```

```
create table Customer
```

```
(  
customer_id numeric(5) primary key,  
cust_name varchar(30) not null,  
city varchar(15) not null,  
grade numeric(3) not null,  
salesman_id numeric(5) not null  
)
```

```
insert into Customer values(3002,'Nick Rimando','New York',100,5001)
```

```
insert into Customer values(3007,'Brad Davis','New York',200,5001)
```

```
insert into Customer values(3005,'Graham Zusi','California',200,5002)
```

```
insert into Customer values(3008,'Julian Green','London',300,5002)
```

```
insert into Customer values(3004,'Fabian Johnson','Paris',300,5006)
```

```
insert into Customer values(3009,'Geoff Cameron','Berlin',100,5003)
```

```
insert into Customer values(3003,'Jozy Altidor','Moscow',200,5007)
```

```
insert into Customer values(3001,'Brad Guzan','London',100,5005)
```

```
create table Orders
```

```
(  
ord_no numeric(5) primary key,  
purch_amt decimal(8,2) not null,  
ord_date date not null,  
customer_id numeric(5) references Customer(customer_id) not null,  
salesman_id numeric(5) references Salesman(salesman_id) not null,  
)
```

```
insert into Orders values(70001,150.5,'2012-10-05',3005,5002)
```

```
insert into Orders values(70009,270.65,'2012-09-10',3001,5005)
```

```
insert into Orders values(70002,65.26,'2012-10-05',3002,5001)
```

```
insert into Orders values(70004,110.5,'2012-08-17',3009,5003)
```

```
insert into Orders values(70007,948.5,'2012-09-10',3005,5002)
```

```
insert into Orders values(70005,2400.6,'2012-07-27',3007,5001)
```

```
insert into Orders values(70008,5760,'2012-09-10',3002,5001)
```

```
insert into Orders values(70010,1983.43,'2012-10-10',3004,5006)
```

```
insert into Orders values(70003,2480.4,'2012-10-10',3009,5003)
```

```
insert into Orders values(70012,250.45,'2012-06-27',3008,5002)
```

```
insert into Orders values(70011,75.29,'2012-08-17',3003,5007)
```

```
insert into Orders values(70013,3045.6,'2012-04-25',3002,5001)
```

--1. Write a SQL statement to display all the information of all salesmen

```
select * from Salesman
```

	salesman_id	name	city	commission
1	5001	James Hoog	New York	0.15
2	5002	Nail Knite	Paris	0.13
3	5003	Lauson Hen	San Jose	0.12
4	5005	Pit Alex	London	0.11
5	5006	Mc Lyon	Paris	0.14
6	5007	Paul Adam	Rome	0.13

--2. Write a SQL statement to display specific columns like name and commission for all the salesmen

```
select name, commission from Salesman
```

	name	commission
1	James Hoog	0.15
2	Nail Knite	0.13
3	Lauson Hen	0.12
4	Pit Alex	0.11
5	Mc Lyon	0.14
6	Paul Adam	0.13

--3. Write a query to display the columns in a specific order like order date, salesman id, order number and purchase amount from for all the orders

```
select ord_date, salesman_id, ord_no, purch_amt from Orders
```

	ord_date	salesman_id	ord_no	purch_amt
1	2012-10-05	5002	70001	150.50
2	2012-10-05	5001	70002	65.26
3	2012-10-10	5003	70003	2480.40
4	2012-08-17	5003	70004	110.50
5	2012-07-27	5001	70005	2400.60
6	2012-09-10	5002	70007	948.50
7	2012-09-10	5001	70008	5760.00
8	2012-09-10	5005	70009	270.65
9	2012-10-10	5006	70010	1983.43
10	2012-08-17	5007	70011	75.29
11	2012-06-27	5002	70012	250.45
12	2012-04-25	5001	70013	3045.60

--4. Write a SQL query to find the salespeople who live in the City of 'Paris'. Return salesperson's name, city.

```
select name,city from Salesman where city='Paris'
```

	name	city
1	Nail Knite	Paris
2	Mc Lyon	Paris

--5. Write a SQL query to find those customers whose grade is 200. Return customer_id, cust_name, city, grade, salesman_id

```
select customer_id,cust_name,city,grade,salesman_id from Customer where grade < 200
```

	customer_id	cust_name	city	grade	salesman_id
1	3001	Brad Guzan	London	100	5005
2	3002	Nick Rimando	New York	100	5001
3	3009	Geoff Cameron	Berlin	100	5003

--6. Write a SQL query to find the orders, which are delivered by a salesperson of ID. 5001. Return ord_no, ord_date, purch_amt

```
select ord_no, ord_date, purch_amt from Orders where salesman_id = 5001
```

	ord_no	ord_date	purch_amt
1	70002	2012-10-05	65.26
2	70005	2012-07-27	2400.60
3	70008	2012-09-10	5760.00
4	70013	2012-04-25	3045.60