SET 1

1. Create the Simple DEPARTMENT Table.

```
CREATE TABLE SIMPLE.DEPARTMENT(
dept_no int(3),
dept_name varchar(30),
location varchar(50)
);
```

	dept_no	dept_name	location

2. Display structure of department table.

```
describe simple.department
```

	Field	Type	Null	Key	Default	Extra
▶	dept_no	int(3)	YES		NULL	
	dept_name	varchar(30)	YES		NULL	
	location	varchar(50)	YES		NULL	

3. Insert below records into Department Table.

```
insert into simple.department(dept_no,dept_name,location)values(10,'Account','NY');
insert into simple.department(dept_no,dept_name,location)values(20,'HR','NY');
insert into simple.department(dept_no,dept_name,location)values(30,'Production','DL');
insert into simple.department(dept_no,dept_name,location)values(40,'Sales','NY');
insert into simple.department(dept_no,dept_name,location)values(50,'EDP','MU');
insert into simple.department(dept_no,dept_name,location)values(60,'TRG','');
insert into simple.department(dept_no,dept_name,location)values(110,'RND','AH');
```

4. Display all records of Department table

```
select * from simple.department;
```

	dept_no	dept_name	location
▶	10	Account	NY
	20	HR	NY
	30	Production	DL
	40	Sales	NY
	50	EDP	MU
	60	TRG	
	110	RND	AH

5. Display all department belonging to location 'NY'

```
select * from simple.department where location='NY'
```

	dept_no	dept_name	location
▶	10	Account	NY
	20	HR	NY
	40	Sales	NY

6. Display details of Department 10

```
select * from simple.department where dept_no='10';
```

	dept_no	dept_name	location
▶	10	Account	NY

7. List all department names starting with 'A'

```
select * from simple.department where dept_name LIKE 'A%';
```

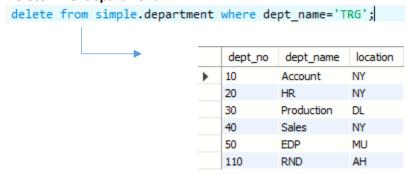|	dept_no	dept_name	location
▶	10	Account	NY

8. List all departments whose number is between 1 and 100

```
select * from simple.department where dept_no between 1 and 100;
```

	dept_no	dept_name	location
▶	10	Account	NY
	20	HR	NY
	30	Production	DL
	40	Sales	NY
	50	EDP	MU
	60	TRG	

9. Delete 'TRG' department

```sql
delete from simple.department where dept_name='TRG';
```

dept_no	dept_name	location
10	Account	NY
20	HR	NY
30	Production	DL
40	Sales	NY
50	EDP	MU
110	RND	AH

10. Change department name 'EDP' to 'IT

```sql
update simple.department set dept_name="IT" where dept_name='EDP';
```

dept_no	dept_name	location
10	Account	NY
20	HR	NY
30	Production	DL
40	Sales	NY
50	IT	MU
110	RND	AH