Table Schema

DDL:

create database dbDDLSchema

use dbDDLSchema

create table Employees

(emp\_no int identity(1,50) constraint sc\_emp\_no primary key,

emp\_name varchar(40),

emp\_salary varchar(20),

depart\_name varchar(50) null,

boss\_no int null constraint dc\_emp\_no foreign key references Employees(emp\_no))

sp\_help Employees

create table Department

(dept\_name varchar(20) constraint sc\_dept\_name primary key,

dept\_floor int,

dept\_phone char(2),

emp\_no int not null constraint fc\_emp\_no foreign key references Employees(emp\_no))

sp\_help Department

alter table Employees

add dept\_name varchar(20) null constraint fc\_dept\_name foreign key references Department(dept\_name)

sp\_help Employees

alter table Employees

drop column depart\_name

sp\_help Employees

create table Item

(item\_name varchar(30) constraint sc\_item\_name primary key,

item\_type char(1),

item\_color varchar(20))

sp\_help Item

create table Sales

(sales\_no int identity(101,200) constraint sc\_sales\_no primary key,

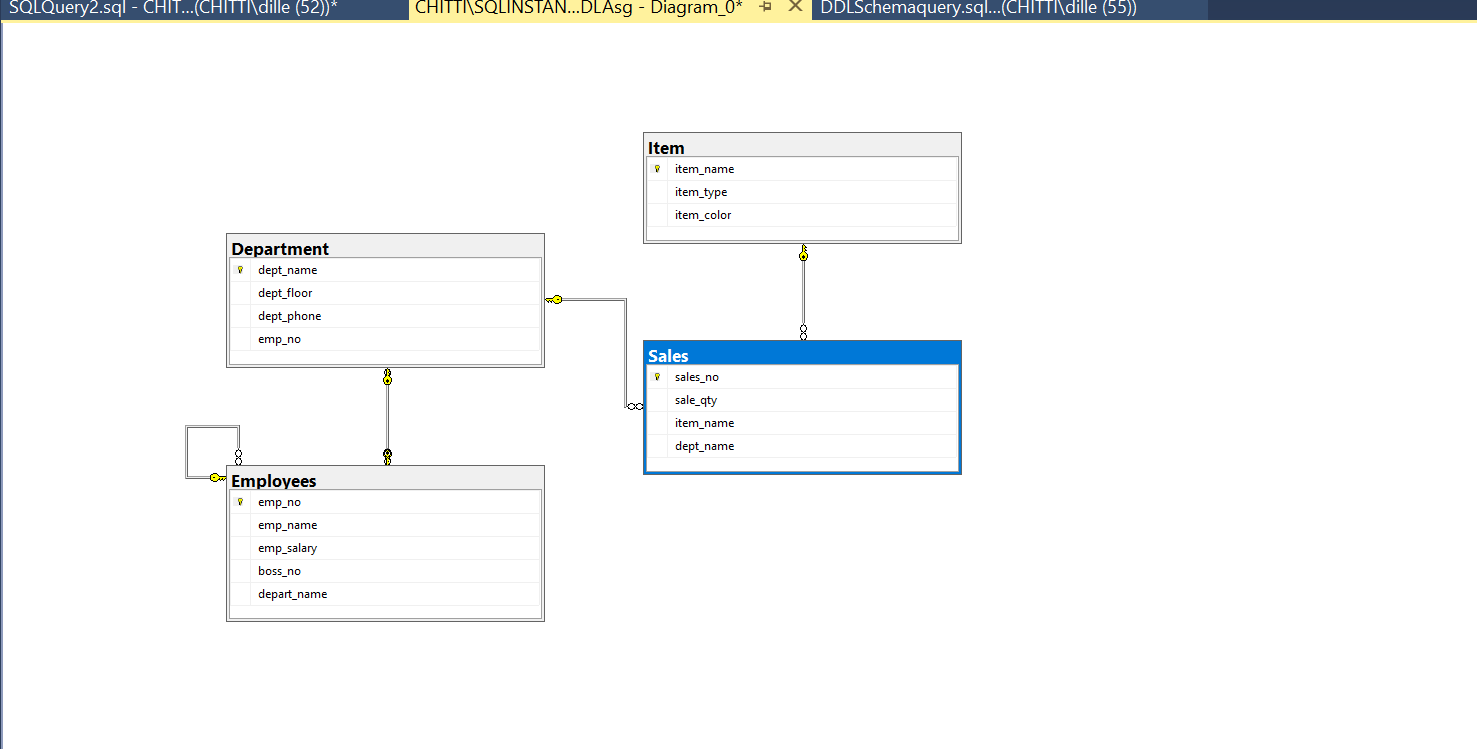
sale\_qty int,

item\_name varchar(30) not null constraint dc\_item\_name references item(item\_name),

dept\_name varchar(20) not null constraint dc\_dept\_name references department(dept\_name))

sp\_help Sales

DATABASE DIAGRAM:



DML:

--Insertion query

insert into item(item\_name, item\_type,item\_color) values('Pocket Knife-Nile', 'E', 'Brown')

insert into item(item\_name, item\_type,item\_color) values('Pocket Knife-Avon', 'E', 'Brown')

insert into item(item\_name, item\_type,item\_color) values('Compass', 'N', NULL)

insert into item(item\_name, item\_type,item\_color) values('Geo positioning system', 'N', NULL)

insert into item(item\_name, item\_type,item\_color) values('Elephant Polo stick', 'R', 'Bamboo')

insert into item(item\_name, item\_type,item\_color) values('Camel Saddle', 'R', 'Brown')

insert into item(item\_name, item\_type,item\_color) values('Sextant', 'N', NULL)

insert into item(item\_name, item\_type,item\_color) values('Map Measure', 'N', NULL)

insert into item(item\_name, item\_type,item\_color) values('Boots-snake proof', 'C', 'Green')

insert into item(item\_name, item\_type,item\_color) values('Pith Helmet', 'C', 'Khaki')

insert into item(item\_name, item\_type,item\_color) values('Hat-polar Explorer', 'C', 'White')

insert into item(item\_name, item\_type,item\_color) values('Exploring in 10 Easy Lessons', 'B', NULL)

insert into item(item\_name, item\_type,item\_color) values('Hammock', 'F', 'Khaki')

insert into item(item\_name, item\_type,item\_color) values('How to win Foreign Friends', 'B', NULL)

insert into item(item\_name, item\_type,item\_color) values('Map case', 'E', 'Brown')

insert into item(item\_name, item\_type,item\_color) values('Safari Chair', 'F', 'Khaki')

insert into item(item\_name, item\_type,item\_color) values('Safari cooking kit', 'F', 'Khaki')

insert into item(item\_name, item\_type,item\_color) values('Stetson', 'C', 'Black')

insert into item(item\_name, item\_type,item\_color) values('Tent - 2 person', 'F', 'Khaki')

insert into item(item\_name, item\_type,item\_color) values('Tent -8 person', 'F', 'Khaki')

select \* from item

insert into sales values('2', 'Boots-snake proof', 'Clothes')

select \* from sales

insert into Employees(emp\_name,emp\_salary,boss\_no,dept\_name) values('Alice','75000', NULL,'Management')

select \* from Employees

insert into Department(dept\_name,dept\_floor,dept\_phone,emp\_no) values('Management', '5', '34', '1')

select \* from Department

updation query

deletion query

\*\*\*while executing sales or employees or department after insertion I’m getting error continuously mam I’m not getting where I have done mistake…please have a look at this and let me know my error\*\*\*