DML(Data Manipulation Language)

desc book\_supplier;

desc bs\_nbk

select \* from new\_book;

select \* from new\_book\_student;

desc stat\_supplier;

desc stationery\_student;

desc new\_book;

desc ss\_stat;

desc old\_book;

desc old\_book\_sells;

insert into stationery\_student values('111111111111',101503006,'25-Oct-2016',1);

insert into stationery\_student values('111111111114',401503006,'3-Nov-2016',.75);

select \* from book\_supplier;

select \* from new\_book;

select \* from bs\_nbk;

desc new\_book;

select \* from stat\_supplier;

select \* from stationery;

desc stationery;

select \* from ss\_stat;

create table student(roll number primary key,name varchar(20) not null);

create table new\_book\_student(isbn varchar2(17) references new\_book(isbn),roll number references student(roll),dop date not null,primary key(isbn,roll));

create table stationery\_student(barcode number(12) references stationery(barcode) not null,roll number references student(roll) not null ,dop date not null,primary key(barcode,roll));

desc new\_book;

desc new\_book\_student;

select \* from ;

insert into new\_book\_student values('978-1-56619-916-4',401503006,'5-Nov-2016',10);

select \* from stationery\_student;

desc stationery\_student;

alter table stationery\_student add discount number(10,2);

alter table stationery\_student modify discount not null;

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insert into stationery\_student values('111111111111',101503006,'25-Oct-2016',1);

insert into stationery\_student values('111111111114',401503006,'3-Nov-2016',.75);

select \* from stationery\_student;

select \* from old\_book;

desc old\_book;

select \* from old\_book;

alter table old\_book modify title varchar2(40);

insert into old\_book values('ABCDE2228F','Test your C skills',4,250);

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alter table old\_book add quantity number;

create table old\_book\_buys(isbn varchar2(17) references old\_book(isbn),roll number(9) references student(roll) ,dos date not null,price\_paid number(10,2) not null);

update old\_book set quantity=20 where isbn='ABCDE2229F';

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create table old\_book\_buys(isbn varchar2(17) references old\_book(isbn),roll number(9) references student(roll) ,dos date not null,price\_paid number(10,2) not null);

create table old\_book\_sells(isbn varchar2(17) references old\_book(isbn),roll number(9) references student(roll) ,dop date not null,price\_recieved number(10,2) not null);

select \* from book\_supplier;

--entity sets

select \* from book\_supplier;

select \* from stat\_supplier;

select \* from new\_book;

alter table new\_book add quantity number;

update stationery set quantity=10;

select \* from old\_book;

select \* from stationery;

alter table stationery add quantity number;

select \* from student;

--relationship sets

select \* from ss\_stat;

select \* from bs\_nbk;

select \* from stat\_supplier;

select \* from new\_book\_student;

alter table new\_book\_student add quantity number;

alter table stationery\_student add quantity number;

alter table old\_book\_buys add quantity number;

alter table old\_book\_sells add quantity number;

update stationery\_student set quantity=10;

update old\_book\_buys set quantity=10;

update old\_book\_sells set quantity=10;

select \* from stationery\_student;

select \* from old\_book\_buys;

select \* from old\_book\_sells;

SELECT \* FROM bs\_nbk;

alter table bs\_nbk add limit number;

select \* from ss\_stat;

alter table ss\_stat add limit number;

update ss\_stat set limit =35 ;

update bs\_nbk set limit=45;

alter table ss\_stat drop constraint max\_stock;

alter table ss\_stat add constraint max\_stock check( (limit-quantity)>=0);

create table requirement (isbn varchar(17) not null,title varchar(50) not null,author varchar(50) not null,quantity number check(quantity!=0));

select \* from bs\_nbk;

alter table stationery\_student add dop timestamp ;

update bs\_nbk set dop='10-Nov-2016 10:30:50 AM ';

update stationery\_student set dop='10-Nov-2016 10:30:50 AM';

select \* from stationery\_student;

select \* from bs\_nbk;

select \* from new\_book;

select \* from old\_book\_buys;

alter table old\_book\_buys drop column dos;

alter table old\_book\_buys add dos timestamp;

alter table old\_book\_sells drop column dop;

alter table old\_book\_sells add dop timestamp;

create table bill (roll number(9) ,isbn\_or\_barcode varchar(17),name\_of\_item varchar2(60),price number ,dop timestamp ,net\_price number);