```sql
create table person

(nationalId int primary key,

firstName varchar(10),

lastName varchar(15),

houseNumber varchar(8),

streetName varchar(15),

town1 varchar(15),

town2 varchar(15));


/*create table member

(nationalId int primary key constraint fpm references person,

memberId int unique);*/works on mycrosoft sql does n't work on mysql->1


create table member

(nationalId int primary key ,

memberId int unique,

constraint fpm foreign key(nationalId) references person(nationalId));//works on mysql->2


->1
 create table phone
 (nationalId int constraint fpehp references person,
 telephone int ,
 primary key(nationalId,telephone));


 create table phone
 (nationalId int,
 telephone int,
 primary key(nationalId,telephone),
constraint fpehp foreign key(nationalId) references person(nationalId));
```

```sql
create table storeKeeper
(nationalId int primary key ,
 userName varchar(8) unique,
 password varchar(8) unique,
constraint fsm foreign key(nationalId) references member(nationalId));


 create table client
 (nationalId int  primary key,
 company varchar(20),
constraint fcm foreign key(nationalId) references member(nationalId));


 create table transact
(tId int primary key,
 date date);


 create table preforms
 (nationalId int ,
 tId int,
 primary key(nationalId,tId),
constraint fprm foreign key(nationalId) references member(nationalId),
constraint ftm foreign key(tId) references transact(tId));


 create table sellingPaper
 (tId int primary key constraint fsgt references transact );


 create table sellingBooks
 (tId int primary key constraint  fsbt references transact,
 grnNumber int unique);
```

```sql
create table buyingPaper
(tId int primary key, constraint fbt foreign key(tId) references transact(tId) );


create table issuingToManu
(tId int primary key ,
NoOfBooks int,
types varchar(20),
constraint fit foreign key(tId) references transact(tId));


create table acceptingFromManu
(tId int primary key,
amount int,
leftAmount int,
payment float,
constraint fat foreign key(tId) references transact(tId));


alter table acceptingFromManu
add column recitNo int;


create table rulingOrder
(tId int primary key,
ruleType varchar(20),
dueDate date ,
constraint frt foreign key(tId) references transact(tId));


create table rulingOrderSubmission
(tId int primary key  ,
leftAmount int,
```

```
doNumber int unique ,

constraint frost foreign key(tId) references transact(tId));


create table item

(iId int primary key,

name varchar(20),

price float,

quantity int);


create table involves

(tId int ,

iId int ,

primary key(tId,iId),

constraint f foreign key(tId) references transact(tId),

constraint fii foreign key(iId) references item(iId));


select *

from involves


/* create table bankPaper

(iId int primary key,

constraint fbpi foreign key(iId) references item(iId));



create table bankPaperGsm

(iId int ,

gsmValue int,

primary key(iId,gsmValue),

constraint fbppi foreign key(iId) references item(iId));
```

```sql
create table dimyPaper
(iId int primary key ,
type varchar(10),
constraint fdpi foreign key(iId) references item(iId));


alter table dimyPaper
drop column type;


create table dimyPaperGsm
(iId int ,
gsmValue int,
primary key(iId,gsmValue),
constraint fdpgi foreign key(iId) references item(iId));




create table artPaper
(iId int primary key,
constraint fai foreign key(iId) references item(iId));




create table artPaperGsm
(iId int ,
gsmValue int,
primary key(iId,gsmValue),
constraint faag foreign key(iId) references item(iId));
```

```sql
create table boxBoard
(iId int primary key ,
constraint fib foreign key(iId) references item(iId));


create table boxBoardGsm
(iId int,
gsmValue int,
primary key(iId,gsmValue),
constraint fibg foreign key(iId) references item(iId));


create table artBoard
(iId int primary key ,
constraint fabi foreign key(iId) references item(iId));


create table artBoardGsm
(iId int ,
gsmValue int,
primary key(iId,gsmValue),
constraint fabg foreign key(iId) references item(iId));


create table exBookCover
(iId int primary key,
type varchar(10),
constraint fbci foreign key(iId) references item(iId));


alter table exBookCover
drop column type;
```

```
create table exBookCoverGsm

(iId int ,

gsmValue int,

primary key(iId,gsmValue),

constraint fibcm foreign key(iId) references item(iId));




create table crBookCover

(iId int primary key ,

type varchar(10),

constraint fcbci foreign key(iId) references item(iId));




alter table crBookCover

drop column type;




create table crBookCoverCrValue

(iId int ,

crValue int,

primary key(iId,crValue),

constraint fccri foreign key(iId) references item(iId));   */ all the above tables were removed. Instead two
tables were created (see er diagram)




create table cr_cover

(iId int,

crvalue int,

primary key(iId,crvalue),

constraint fcci foreign key(iId) references item(iId));
```

```sql
create table paper_board_cover
(iId int,

gsm int,

type varchar(20),

primary key(iId,gsm),

constraint fibp foreign key(iId) references item(iId));




select *
from person


select *
from phone


select *
from member



insert into person
values(542460512,'Gamini','Manthrirathna','263/4','Hospital Rd','Kiribathgoda','Kelaniya');


insert into phone
values(542460512,0768373870);


insert into member
values(542460512,10);
```

```sql
insert into storeKeeper
values(542460512,'Gamini','thaththa');


select *
from item


insert into item(iId,name)
values(1,'bank paper'),(2,'dimy paper'),(3,'art paper'),(4,'art board'),(5,'box board'),(6,'ex book
cover'),(7,'cr book cover');



insert into bankPaper values (1);
insert into artPaper  values(3);
insert into dimyPaper values(2);
insert into artBoard values(4);
insert into boxBoard values(5);
insert into exBookCover values(6);
insert into crBookCover values(7);


insert into bankPaperGsm
values (1,54),(1,56),(1,60),(1,70),(1,80),(1,100);


insert into dimyPaperGsm
values (2,40),(2,45),(2,50);


insert into artPaperGsm
values (3,100),(3,120),(3,150),(3,220),(3,260),(3,300);


insert into artBoardGsm
```

values (4,225),(4,260),(4,300),(4,350);

insert into boxBoardGsm

values (5,220),(5,250),(5,300),(5,350),(5,400),(5,450);

insert into exBookCoverGsm

values (6,80),(6,120),(6,160),(6,200),(6,320),(6,400);

insert into crBookCoverCrValue

values (7,1),(7,2),(7,3),(7,4),(7,5),(7,6),(7,7),(7,8),(7,9),(7,10);