```sql
create user s identified by 2000;

grant dba to s;

create table Student(

snum int,

sname varchar(30),

major varchar(30),

age int,

ivl varchar(30),

PRIMARY KEY(snum)

);

select * from student;

create table class(

cname varchar(30),

meetsAt timestamp,

room varchar(20),

fid int,

PRIMARY KEY(cname),

FOREIGN KEY (fid) REFERENCES faculty(fid)

);

create table enrolled(

snum int,

cname varchar(30),

FOREIGN KEY (snum) REFERENCES student(snum),

FOREIGN KEY (cname) REFERENCES class(cname)

);

create table faculty(

fid int,

fname varchar(30),

deptid int,

PRIMARY KEY(fid)

);
```

```sql
select * from faculty;

insert into student values(1,'vyshnavi','CSE',19,'mr');

insert into student values(2,'snehita','CSE',20,'mr');

update student set ivl='jr' where ivl='mr';

insert into student values(3,'trishala','CSE',20,'jr');

select * from student;

insert into student values(4,'suraj','ISE',20,'sr');

insert into student values(5,'sumanth','ISE',19,'fr');

insert into student values(6,'arha','ESE',19,'so');


select * from CLASS;

insert into faculty values('101','sumalatha',10);

insert into faculty values('102','sandhya',10);

insert into faculty values('103','veena',10);

insert into faculty values('104','nandini',10);

insert into faculty values('105','kavitha',9);


alter session set nls_timestamp_format='HH24:MI:SS';

insert into class values('4a','10:20:12','401',101);

insert into class values('4b','10:20:12','402',102);

insert into class values('4c','10:21:12','403',103);

insert into class values('4d','10:22:12','403',104);

insert into class values('4e','10:23:12','403',105);

select * from enrolled;


insert into enrolled values(1,'4a');

insert into enrolled values(2,'4b');

insert into enrolled values(3,'4c');

insert into enrolled values(4,'4a');

insert into enrolled values(5,'4b');

insert into enrolled values(6,'4c');
```

select sname from student,faculty,enrolled,class where student.snum=enrolled.snum and class.cname=enrolled.cname and faculty.fid=class.fid and faculty.fname='nandini';

select cname from student,enrolled,class where class.cname=enrolled.cname and student.snum=enrolled.snum and room='401';

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Start Page   cse1.sql   cse2.sql

Worksheet   Query Builder

```
insert into student values(2,'sr
update student set ivl='jr' wher
insert into student values(3,'tr
select * from student;
insert into student values(4,'su
insert into student values(5,'su
insert into student values(6,'ar

select * from CLASS;
insert into faculty values('101
insert into faculty values('102
insert into faculty values('103
```

Script Output   Query Result

SQL | All Rows Fetched: 6 in 0.01

	SNUM	SNAME	MAJOR	AGE	I
1	1	vyshnavi	CSE	19	jr
2	2	snehita	CSE	20	jr
3	3	trishala	CSE	20	jr
4	4	suraj	ISE	20	sr
5	5	sumanth	ISE	19	fr
6	6	arha	ESE	19	so

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Start Page   ×   cse1.sql   ×   cse2.sql

Worksheet | Query Builder

```
insert into student values(2,'sr
update student set ivl='jr' whe
insert into student values(3,'t:
select * from student;
insert into student values(4,'su
insert into student values(5,'su
insert into student values(6,'a:

select * from CLASS;
insert into faculty values('101
insert into faculty values('102
insert into faculty values('103
```

Script Output   ×   Query Result   ×

SQL | All Rows Fetched: 6 in 0 se

	SNUM	SNAME	MAJOR	AGE	I
1	1	vyshnavi	CSE	19	jr
2	2	snehita	CSE	20	jr
3	3	trishala	CSE	20	jr
4	4	suraj	ISE	20	sr
5	5	sumanth	ISE	19	fr
6	6	arha	ESE	19	so

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Worksheet   Query Builder

```
insert into DEPOSITOR values('Prathibha','15');
commit;
select * from DEPOSITOR;

insert into LOAN values('SBI_Chamrajpet','1','11112');
insert into LOAN values('SBI_ResidencyRoad','2','20000'
insert into LOAN values('SBI_ShivajiRoad','3','30000');
insert into LOAN values('SBI_ParlimentRoad','4','15000'
insert into LOAN values('JantarMantar','5','16000');
commit;
select * from LOAN;
```

Script Output   Query Result

SQL | All Rows Fetched: 5 in 0 seconds

	CUSTOMER_NAME	ACC_NO
1	Snehita	101
2	Vyshnavi	102
3	Trishala	103
4	Sravya	104
5	Prathibha	15

SQL History

Click on an identifier with the Control key down to perform "Go to Declaration"

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Start Page   bmsce   CSE   CSE~1

Worksheet   Query Builder

```
insert into CUSTOMER values('Snehita','Basavangudi','10
insert into CUSTOMER values('Vyshnavi','Bangalore','Jay
insert into CUSTOMER values('Trishala','Delhi','Vijayna
insert into CUSTOMER values('Sravya','Bangalore','BTMSt
insert into CUSTOMER values('Prathibha','Bombay','Girin
commit;
select * from CUSTOMER;

insert into DEPOSITOR values('Snehita','101');
insert into DEPOSITOR values('Vyshnavi','102');
insert into DEPOSITOR values('Trishala','103');
insert into DEPOSITOR values('Sravya','104');
insert into DEPOSITOR values('Prathibha','15');
```

Script Output   Query Result

SQL | All Rows Fetched: 5 in 0 seconds

	CUSTOMER_NAME	CITY	CUSTOMER_STREET
1	Vyshnavi	Bangalore	Jayanagar
2	Trishala	Delhi	Vijaynagar
3	Prathibha	Bombay	Girinagar
4	Sravya	Bangalore	BTMStreet
5	Snehita	Basavangudi	1000

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Worksheet   Query Builder

```sql
insert into ACCOUNTS values('11','SBI_Chamrajpet','1000
insert into ACCOUNTS values('12','SBI_ResidencyRoad','2
insert into ACCOUNTS values('13','SBI_ShivajiRoad','300
insert into ACCOUNTS values('14','SBI_ParlimentRoad','4
insert into ACCOUNTS values('15','JantarMantar','5000')
commit;
select * from ACCOUNTS;

insert into CUSTOMER values('Snehita','Basavangudi','10
insert into CUSTOMER values('Vyshnavi','Bangalore','Jay
insert into CUSTOMER values('Trishala','Delhi','Vijayna
insert into CUSTOMER values('Sravya','Bangalore','BTMSt
```

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Script Output ×   Query Result ×

SQL | All Rows Fetched: 9 in 0 seconds

	ACC_NO	BRANCH_NAME	BALANCE
1	101	SBI_Chamrajpet	1000
2	102	SBI_ResidencyRoad	2000
3	103	SBI_ShivajiRoad	3000
4	104	SBI_ParlimentRoad	4000
5	11	SBI_Chamrajpet	1000
6	12	SBI_ResidencyRoad	2000
7	13	SBI_ShivajiRoad	3000
8	14	SBI_ParlimentRoad	4000
9	15	JantarMantar	5000

SQL History

Click on an identifier with the Control key down to perform "Go to Declaration"

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Worksheet Query Builder

```
insert into BRANCH values('SBI_ResidencyRoad','Bangalor
insert into BRANCH values('SBI_ShivajiRoad','Bangalore'
insert into BRANCH values('SBI_ParlimentRoad','Bangalor
insert into BRANCH values('JantarMantar','Delhi','10021
commit;
select * from BRANCH;

insert into ACCOUNTS values('11','SBI_Chamrajpet','1000
insert into ACCOUNTS values('12','SBI_ResidencyRoad','2
insert into ACCOUNTS values('13','SBI_ShivajiRoad','300
insert into ACCOUNTS values('14','SBI_ParlimentRoad','4
insert into ACCOUNTS values('15','JantarMantar','5000')
commit;
```

Script Output ×   Query Result ×

SQL | All Rows Fetched: 5 in 0 seconds

	BRANCH_NAME	BRANCH_CITY	ASSETS
1	SBI_Chamrajpet	Bangalore	560011
2	SBI_ResidencyRoad	Bangalore	560012
3	SBI_ShivajiRoad	Bangalore	560013
4	SBI_ParlimentRoad	Bangalore	560014
5	JantarMantar	Delhi	100215

SQL History

Click on an identifier with the Control key down to perform "Go to Declaration"