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DBMS LAB TEST 1
CODE:
create database studentfaculty;
use studentfaculty;
create table student(
snum int,
sname varchar(30),
major varchar(30),
lvl varchar(30),
age int,
primary key(snum)
);
create table class(
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cname varchar(30),

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meetsat timestamp,
room varchar(30),
fid int,
primary key (cname)
);
create table enrolled(
snum int,
cname varchar(30),
primary key(snum,cname),
foreign key(snum) references
student(snum),
foreign key(cname) references
class(cname)
);
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create table faculty(

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fid int,
fname varchar(30),
deptid int,
primary key(fid)
);
insert into student values
(1,'Jhon','CS','Sr',19), (
2,'Smith','CS','Jr',20),
(3,'Jacob','CV','Sr',20), (4,'Tom','CS','Jr',20),
(5,'Rahul','CS','Jr',20), (6,'Rita','CS','Sr',21);
insert into class values ('Class1',"12/11/15
10:15:16",'R1',14);
insert into class values
('Class10',"12/11/15 10:15:16",'R128',14),
('Class2',"12/11/15 10:15:20",'R2',12),
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('Class3',"12/11/15 10:15:25",'R3',12),
('Class4',"12/11/15 20:15:20",'R4',14),
('Class5',"12/11/15 20:15:20",'R3',15),
('Class6',"12/11/15 13:20:20",'R2',14),
('Class7',"12/11/15 10:10:10",'R3',14);
```

insert into enrolled values (1,'Class1'),(2,'Class1'),(3,'Class3'),(4,'Class3'),(5,'Class4'),(1,'Class5'),(2,'Class5'),(3,'Class5'),(4,'Class5'),(5,'Class5');

insert into faculty values (11,'Harish',1000),(12,'MV',1000),(13,'Mira',1001),(14,'Shiva',1002),(15,'Nupur',1000);

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select * from student;
select * from class;
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select * from enrolled;
select * from faculty;
select c.cname, count(c.cname)
from class c, enrolled e
where c.cname = e.cname
group by c.cname
having count(e.cname) > 0;
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select s.sname, s.major
from student s, enrolled e, class c
where s.snum = e.snum and e.cname =
c.cname
group by s.sname
having count(c.cname) > 0;
SCREENSHOT OUTPUT:





