

```

#01
show tables;

#02
create or replace table tbl2er
(
rno int primary key auto_increment,
sname varchar(5) not null check (length(trim(sname)) > 0),
m1 decimal (5,2) unsigned not null,
m2 decimal (5,2) unsigned not null
) auto_increment = 1001;

#03
select * from tbl2er;

#04
insert into tbl2er
(sname, m1 , m2)
values
('x5','56.5', 63),
('x3','43', 47.5),
('x1','54.5', 52),
('x2','98', 20),
('x4','61', 72.5);

#05
select * from tbl2er;

#06
select table_name, table_type from information_schema.tables where table_schema = database();

#07
create or replace view vw2er
as
select
rno, sname , m1 , m2 ,
(m1 + m2 ) 'total',
convert((m1 + m2 ) /2 , decimal(5,2)) 'average',
if(m1 > 34.4 and m2 > 34.4, 'Pass', 'Fail') 'result' from tbl2er;

#08
select table_name, table_type from information_schema.tables where table_schema = database();

#09
select * from tbl2er;

#10
select * from vw2er;

#11
update tbl2er set m2=36 where rno = 1004;

#12
select * from tbl2er;

#13
select * from vw2er;

#14
delete from tbl2er where rno = 1003;

#15
select * from tbl2er;

#16
select * from vw2er;

#17
insert into tbl2er

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```
(sname, m1, m2)
values
('t1', 81.5 , 79);
```

```
#18
insert into vw2er
(sname, m1, m2)
values
('t2',98,20);
```

```
#19
select * from tbl2er;
```

```
#20
select * from vw2er;
```