

```
#01
show databases;

#02
select database();

#03
create database if not exists tbspr;

#04
show warnings;

#05
use dbspr;

#06
select database();

#07
show tables;

#08
drop table if exists tbl1er;

#09
show warnings;

#10
create table if not exists tbl1er
(
rno int primary key auto_increment,
sname text not null,
m1 decimal (5,2) unsigned not null,
m2 decimal(5,2) unsigned not null,
total decimal (6,2) unsigned not null default 0,
average decimal (5,2) unsigned not null default 0,
result enum('Fail' , 'Pass') not null default 'Fail' check(result = 'Fail' or result = 'Pass')
) auto_increment = 1001;

#11
show tables;

#12
select * from tbl1er;

#13
select count(*) from tbl1er;

#14
drop trigger if exists trgins1er;

#15
show warnings;

#16
drop trigger if exists trgupd1er;

#17
show warnings;

#18
drop trigger if exists trgdel1er;

#19
show warnings;

#20
delimiter //
```

```

#21
create or replace trigger trgins1er
before insert on tbl1er
for each row
begin

set new.total = new.m1 + new.m2;
set new.average = new.total/2;
set new.result = if (new.m1 > 34.4 and new.m2 > 34.4, 'Pass', 'Fail');

end
//


#22
delimiter ;

#23
delimiter //


#24
create or replace trigger trgupd1er
before update on tbl1er
for each row
begin

set new.total = new.m1 + new.m2;
set new.average = new.total/2;
set new.result = if(new.m1 > 34.4 and new.m2 > 34.4, 'Pass' , 'Fail');

end
//


#25
delimiter ;


#26
delimiter //


#27
create or replace trigger trgdel1er
before delete on tbl1er
for each row
begin

signal sqlstate '12345'
set message_text = 'Denied delete a row permission';

end
//


#28
delimiter ;


#29
select trigger_name, event_manipulation from information_schema.triggers where
trigger_schema=database();


#30
insert into tbl1er
(sname,m1,m2)
values
('x5',56.5,63),
('x3' , 45.5, 52),
('x1' , 47.5 ,54),
('x2' ,98 ,20),
('x4', 61 , 63.5);

#31

```

```
select * from tbl1er;
```