

```
#01
show databases;

#02
create database if not exists dbspr;

#03
show databases;

#04
use dbspr;

#05
show tables;

#06
create or replace table tblest
(
eid int primary key auto_increment,
ename text not null,
sal decimal(12,2) unsigned not null,
tax10 decimal(9,2) unsigned not null,
tax20 decimal(9,2) unsigned not null,
tax30 decimal(9,2) unsigned not null,
taxtot decimal(10,2) unsigned not null,
np decimal(12,2) unsigned not null
)
auto_increment = 1001;

#07
show tables;

#08
desc tblest;

#09
select * from tblest;

#10
select count(*) from tblest;

#11
insert into tblest
(ename,sal)
values
('x5',1600000);

#12
show warnings;

#13
select * from tblest;

#14
set @x=88;

#15
select @x;

#16
select
case
when @x < 0 then 'Negative'
when @x > 0 then 'positive'
else 'Neutral'
end 'test';

#17
update tblest set tax10=
```

```

case
when sal > 500000 then 250000
when sal > 250000 then (sal - 250000)
else 0
end * 10 /100;

#18
update tblest set tax20 =
case
when sal > 1000000 then 500000
when sal > 500000 then (sal-500000)
end * 20 / 100;

#19
update tblest set tax30 =
case
when sal > 1000000 then (sal -1000000)
else 0
end * 30 / 100;

#20
update tblest set taxtot = tax10+tax20+tax30;

#21
update tblest set np = sal-taxtot;

#22
select * from tblest;

#23
select trigger_name from information_schema.triggers where trigger_schema = database();

#24
drop trigger if exists trginsest;

#25
show warnings;

#26
delimiter //

#27
Create or replace trigger trginsest
before insert on tblest
for each row
begin

set new.tax10 =
case
when new.sal > 500000 then 250000
when new.sal >250000 then (new.sal - 250000)

else 0
end * 10/100;

set new.tax20 =
case
when new.sal > 1000000 then 500000
when new.sal >500000 then (new.sal -500000)

else 0
end * 20/100;

set new.tax30 =
case
when new.sal > 1000000 then (new.sal -1000000)
else 0
end * 30/100;

```

```
set new.taxtot=new.tax10+new.tax20+new.tax30;
set new.np = new.sal - new.taxtot;

end
// 

#28
delimiter ;

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

#30
select * from tblest;

#31
insert into tblest
(ename,sal)
values
('x3', 1200000),
('x1', 800000),
('x2', 400000),
('x4', 200000);

#32
select * from tblest;

#33
update tblest set sal = 1600000 where eid = 1005;

#34
select * from tblest;

#35
drop trigger if exists trgupdest;

#36
show warnings;

#37
delimiter //

#38
create or replace trigger trgupdest
before update on tblest
for each row
begin

end
// 

#39
delimiter ;

#40
select trigger_name from information_shema.triggers where trigger_schema = database();

#41
update tblest set sal = 1600000 where eid = 1005;

#42
select * from tblest;

#43
update tblest set sal = 200000 where eid = 1005;

#44
select * from tblest;
```

```
#45
delete from tblest where eid = 1003;

#46
select * from tblest;

#47
drop trigger if exists trgdelest;

#48
show warnings;

#49
delimiter //

#50
create or replace trigger trgdelest
before delete
on tblest
for each row
begin

singnal sqlstate '12345'
set message_text = 'Denied delete a row task';

end
//

#51
delimiter ;

#52
select * from tblest;

#53
delete from tblest where eid = 1005;

#54
select * from tblest;

#55
select trigger_name from information_schema.triggers where trigger_schema = database();
```