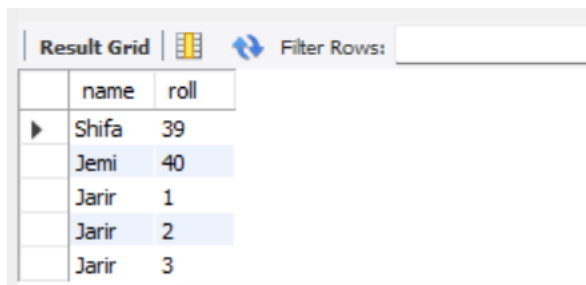


View-



A screenshot of a database application's 'Result Grid'. The grid has two columns: 'name' and 'roll'. It contains five rows of data. The first row is 'Shifa' with roll '39'. The second row is 'Jemi' with roll '40'. The third row is 'Jarir' with roll '1'. The fourth row is 'Jarir' with roll '2'. The fifth row is 'Jarir' with roll '3'. There is a 'Filter Rows' button and a search box at the top right of the grid.

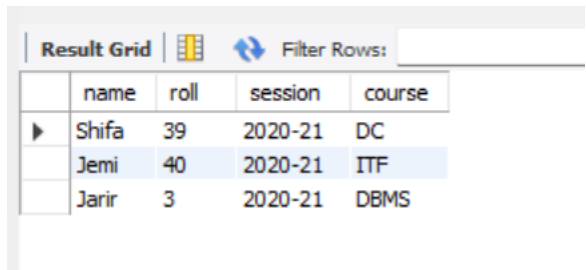
	name	roll
▶	Shifa	39
	Jemi	40
	Jarir	1
	Jarir	2
	Jarir	3

```
create view stu_info as select name,roll from STUDENT_DATA;
```

```
select * from stu_info;
```

trigger-

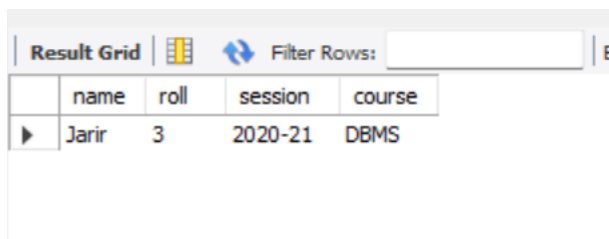
student data



A screenshot of a database application's 'Result Grid'. The grid has four columns: 'name', 'roll', 'session', and 'course'. It contains three rows of data. The first row is 'Shifa' with roll '39', session '2020-21', and course 'DC'. The second row is 'Jemi' with roll '40', session '2020-21', and course 'ITF'. The third row is 'Jarir' with roll '3', session '2020-21', and course 'DBMS'. There is a 'Filter Rows' button and a search box at the top right of the grid.

	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	3	2020-21	DBMS

Table3-



A screenshot of a database application's 'Result Grid'. The grid has four columns: 'name', 'roll', 'session', and 'course'. It contains one row of data: 'Jarir' with roll '3', session '2020-21', and course 'DBMS'. There is a 'Filter Rows' button and a search box at the top right of the grid.

	name	roll	session	course
▶	Jarir	3	2020-21	DBMS

```
create trigger table5 after insert on STUDENT_DATA for each row insert into table3  
values(new.name,new.roll,new.session,new.course);
```

```
INSERT INTO STUDENT_DATA(name,roll,session,course) VALUES('Jarir',03,'2020-21','DBMS');
```

```
select * From STUDENT_DATA;
```

```
select * from table3;
```

View-

Main table: student_data

	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS

View table:stu_info

	name	roll	course
▶	Shifa	39	DC
	Jemi	40	ITF
	Jarir	1	DC
	Jerin	2	IPE
	Jafrin	3	DBMS

create view stu_info as select name,roll,course from STUDENT_DATA;

select * from stu_info;

View table:stu_info2

	roll	session
	39	2020-21
	40	2020-21
	1	2020-21
	2	2020-21
	3	2020-21

create view stu_info2 as select roll,session from STUDENT_DATA;

select * from stu_info2;

view table join operation:

	name	roll	course	roll	session
▶	Shifa	39	DC	39	2020-21
	Jemi	40	ITF	40	2020-21
	Jarir	1	DC	1	2020-21
	Jerin	2	IPE	2	2020-21
	Jafrin	3	DBMS	3	2020-21

```
select stu_info.name,stu_info.roll,stu_info.course,stu_info2.roll,stu_info2.session from stu_info join stu_info2 on stu_info.roll=stu_info2.roll;
```

view table update operation:

Before:

	name	roll	course
▶	Shifa	39	DC
	Jemi	40	ITF
	Jarir	1	DC
	Jerin	2	IPE
	Jafrin	3	DBMS

update:

	name	roll	course
▶	Shifa	39	DC
	Jemi	40	ITF
	Jarir	10	DC
	Jerin	2	IPE
	Jafrin	3	DBMS

```
UPDATE stu_info SET roll= 10 WHERE roll=01;
```

view table delete operation:

Before:

	name	roll	course
▶	Shifa	39	DC
	Jemi	40	ITF
	Jarir	10	DC
	Jerin	2	IPE
	Jafrin	3	DBMS

Delete:

	name	roll	course
▶	Jemi	40	ITF
	Jarir	10	DC
	Jerin	2	IPE
	Jafrin	3	DBMS

Trigger: before diye

Main table: student_data

	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS

After triggering insert operation main table: student_data

	name	roll	session	course
	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

After triggering insert operation trigger table:table3

	name	roll	session	course
▶	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

create trigger table5 before insert on STUDENT_DATA for each row insert into table3
values(new.name,new.roll,new.session,new.course);

-- insert

INSERT INTO STUDENT_DATA(name,roll,session,course) VALUES('Nujha',30,'2020-21','MATH');

INSERT INTO STUDENT_DATA(name,roll,session,course) VALUES('Jadwa',20,'2020-21','DM');

select * From STUDENT_DATA;

select * from table3;

After triggering update operation main table: student_data

	name	roll	session	course
	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

After triggering update operation trigger table:table3

	name	roll	session	course
▶	Nujha	25	2020-21	MATH
	Jadwa	20	2020-21	DM

-- update

```
UPDATE table3 SET roll= 25 WHERE roll=30;
```

```
select * From STUDENT_DATA;
```

```
select * from table3;
```

After triggering delete operation main table: student_data

	name	roll	session	course
	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

After triggering delete operation trigger table:table3

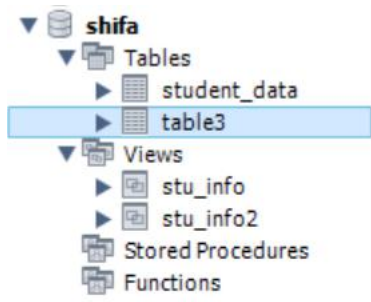
	name	roll	session	course
▶	Jadwa	20	2020-21	DM

-- delete

```
delete from table3 where name='Nujha';
```

```
select * From STUDENT_DATA;
```

```
select * from table3;
```



Result Grid				
	name	roll	session	course
▶	Jemi	40	2020-21	ITF
	Shazid	10	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS

Result Grid			
	name	roll	course
▶	Jemi	40	ITF
	Shazid	10	DC
	Jerin	2	IPE
	Jafrin	3	DBMS
	Nujha	30	MATH
	Jadwa	20	DM

Triggering korar por trigger table a update,delete operation ager gulu/uporer gulu

Triggering korar por main table a update,delete operation

Triggering update:

Result Grid				
	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Nujha	25	2020-21	MATH
	Jadwa	20	2020-21	DM

Result Grid				
	name	roll	session	course
▶	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

Triggering delete:

Result Grid				
	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Jadwa	20	2020-21	DM

Result Grid				
	name	roll	session	course
▶	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

-- main table

-- update

```
UPDATE STUDENT_DATA SET roll= 25 WHERE roll=30;
```

```
select * From STUDENT_DATA;
```

```
select * from table3;
```

-- delete

```
delete from STUDENT_DATA where name='Nujha';
```

```
select * From STUDENT_DATA;
```

```
select * from table3;
```

Trigger: after diye

Main table: student_data

Result Grid			Filter Rows:	
	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

After triggering insert operation trigger table:table3

Result Grid			Filter Rows:	
	name	roll	session	course
▶	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

create trigger table5 after insert on STUDENT_DATA for each row insert into table3
values(new.name,new.roll,new.session,new.course);

-- insert

INSERT INTO STUDENT_DATA(name,roll,session,course) VALUES('Nujha',30,'2020-21','MATH');




```
INSERT INTO STUDENT_DATA(name,roll,session,course) VALUES('Jadwa',20,'2020-21','DM');
```

```
select * From STUDENT_DATA;
```

```
select * from table3;
```

After triggering update operation main table: student_data

Result Grid






Filter Rows:

	name	roll	session	course
▶	Shifa	39	2020-21	DC
	Jemi	40	2020-21	ITF
	Jarir	1	2020-21	DC
	Jerin	2	2020-21	IPE
	Jafrin	3	2020-21	DBMS
	Nujha	30	2020-21	MATH
	Jadwa	20	2020-21	DM

After triggering update operation trigger table:table3


Result Grid

Filter Rows:

	name	roll	session	course
▶	Nujha	25	2020-21	MATH
	Jadwa	20	2020-21	DM

After triggering delete operation main table: student_data

Result Grid				Filter Rows:	
	name	roll	session	course	
▶	Shifa	39	2020-21	DC	
	Jemi	40	2020-21	ITF	
	Jarir	1	2020-21	DC	
	Jerin	2	2020-21	IPE	
	Jafrin	3	2020-21	DBMS	
	Nujha	30	2020-21	MATH	
	Jadwa	20	2020-21	DM	

After triggering delete operation trigger table:table3

Result Grid

Filter Rows:

	name	roll	session	course
▶	Jadwa	20	2020-21	DM