

Task 1: - Take any DB Create Different Views

SELECT * from holder;

C_id	C_name	age	Policy_no	EMI	No.of EMI	Ammount
11	Nilesh Wani	21	50	2500	6	15000
12	Ujair Shaha	30	52	3000	7	21000
13	Vedant Kathar	25	54	2000	10	20000
14	Abhishek Jadhav	26	58	2500	12	30000

View with Condition

CREATE view View1 AS

SELECT c_name,policy_no,Amount

FROM holder

WHERE EMI=2500;

SELECT * from View1;

C_name	Policy_no	Ammount
Nilesh Wani	50	15000
Abhishek Jadhav	58	30000

View with Subquery

CREATE view View2 AS

SELECT c_name,policy_no,EMI,Amount

FROM holder

WHERE EMI< (select avg(EMI) from holder);

SELECT * from View 2;

C_name	Policy_no	EMI	Ammount
Vedant Kathar	54	2000	20000

View with Join

```
CREATE VIEW view3  
  
AS SELECT h.c_id,h.c_name,h.policy_no,p.plan_name  
  
FROM holder h,plan p  
  
WHERE h.policy_no=p.plan_id;  
  
SELECT * from View3;
```

C_id	C_name	Policy_no	Plan_name
11	Nilesh Wani	50	Special
12	Ujair Shaha	52	Normal
13	Vedant Kathar	54	Super Special

Task 2: - Take any sample database and illustrate different triggers on it.

Triggers for Insert

```
CREATE trigger trig_insert  
  
AFTER INSERT  
  
ON holder  
  
FOR each row  
  
BEGIN  
  
UPDATE holder set Amount=(EMI*no_of_EMI);  
  
END;  
  
INSERT into holder values (15,'Tejas shinde',22,59,1500,12,0);  
  
INSERT into holder VALUES (16,'deepak kharat',26,60,1000,14,15000);  
  
SELECT * from holder;
```

C_id	C_name	age	Policy_no	EMI	No.of EMI	Ammount
11	Nilesh Wani	21	50	2500	6	15000
12	Ujair Shaha	30	52	3000	7	21000
13	Vedant Kathar	25	54	2000	10	20000
14	Abhishek Jadhav	26	58	2500	12	30000
15	Tejas Shinde	22	59	1500	12	18000
16	Deepak	26	60	1000	14	14000

Triggers for Delete:

CREATE TRIGGER trig_delete

AFTER INSERT

ON holder

FOR each row

BEGIN

INSERT into holder2 SELECT * FROM customer1;

END;

SELECT * FROM holder2;

C_id	C_name	age	Policy_no	EMI	No.of EMI	Ammount
11	Nilesh Wani	21	50	2500	6	15000
12	Ujair Shaha	30	52	3000	7	21000
13	Vedant Kathar	25	54	2000	10	20000
14	Abhishek Jadhav	26	58	2500	12	30000
15	Tejas Shinde	22	59	1500	12	18000
16	Deepak	26	60	1000	14	14000

Conclusion: -

Date of Performance by Student	Date of Assessment by Staff	Staff Signature	Remark