Task-6   Triggers & views

Aim :- To automatically perform an action whenever a specific
exact (Insert, update, delete) occurs on employee
table and create virtual table that shows filtered
data from one or more tables.

Create Table :-

sql. patient Table
Create table patient (
        patient _ID INT PRIMARY KEY,
        patient _Name VARCHAR (50),
        patient - phone no VARCHAR (15),
        patient - city VARCHAR (30),
        patient - Amount paid . Decimal (10,2)

);

Insert Sample data
sql. Insert patient
INSERT INTO patient VALUES

(1, ' vivek ', '9876543210', 'vijay ', 15000);
(2 'Vinay ', '9123456780', 'Delhi ', 12000;

Create Views

sql
    Create view patient view ds
select . patient_ID, patient Name, patient _phone no,
patient_city, patient - bill , medicine _Name , medicine _plice,
medicine - payment .

From patient c

    JOIN medicine
    ON c patient - Amount paid = n patient medicine price;

query

sql

select * From . patient medicine view;

output

Patient ID	patient_Name	patient - phone no	patient city	patient_field	Amount paid
1	Vivek	9875654 3210	Wizag	15000	15000
2	Vinay	9123456 780	Delhi	1200 0	12000

Create triggers

sql

```
Create TRIGGER check =amount - before _insert
Before INSERT ON customer
For each Row
BEGIN
DECLARE Price DECIMAL (10,2);
select Madicine - price INTO price
where medine -price = New . patient -Amount paid
LIMITS ;
If price IS NULL Then
signal sql state '45000'
SET message -TEXT = Invalid payement = no - matching
                                        medicine found ";
END IF;
END:
```

TEST

sql

```
INSERT INTO customer patient values ( 3, 'vinod', '900000000',
                    ' Tirupati', 8000);
```

Error

Invalid payement : no matching patient found !

Result : Thus, the implementation of triggers and views on the database has been successfully completed.