

16-9-23

## Task 6 : Triggers & views

Aim :- To automatically perform an action whenever a specific event (Insert, update, delete) on employee table and create virtual table  
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, 'vick', '9876543210', 'vizag', 15000);

2, 'vinay', '9123456780', 'delhi', 1200);

create views

sql.

create view Patient view as,

select Patient - ID, Patient - Name, Patient - Phone no,  
Patient - city, Patient bill, medicine - name, medicine -  
medicine - Payment. Price,



From Patient

Join medicine

ON C. Patient - amount paid = m. Patient medicine  
Price;

query.

sql

select \* from Patient medicine view;

out Put

Patient ID	Patient - name	Patient - Phone no	Patient city
1	vivek	96756543210	vizag
2	vinay	9123456780	Delhi

create triggers

sql

create trigger check - amount - before - insert  
before insert on customer

for each row

Begin.

Declare p111 decimal (10, 2);

select medicine - price into p111

where medicine - price = Now. Patient - amount paid

limits;

if price is null then.

signal sql state '45000'

set message - text = 'Invalid Payments = no. matching  
medicine found';



end if;

end;


Test

sql

Insert into Patient values (3, 'vinod', '9000000',  
'Tirupati', 8000);

error

Invalid Payment: no matching Patient found.



VEL TECH - CSE	
EX NO.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	6
VIVA VOCE (5)	6
RECORD (5)	-
TOTAL (20)	6
SIGN WITH DATE	10/11/20

VEL TECH	
EX No.	
PERFORMANCE (5)	
RESULT AND ANALYSIS (5)	
VIVA VOCE (5)	
RECORD (5)	
TOTAL (20)	
SIGN WITH DATE	

Result: Thus, the implementation of trigger and views on the Database has been successfully completed