

## Triggers, Views &amp; Exceptions

AIM:-

To conduct events, views, exceptions on CRUD operations for restricting phenomena.

Algorithm:-

- 1) Identify basic table for work.
- 2) For view:
  - write Select Query for data.
  - create view using create view followed by select
  - Decide which part of data to be displayed.
- 3) For Trigger:
  - choose trigger using create trigger.
- 4) view shows data and trigger Exception as command operation.
- 5) End.

Select \* from Employee 2;

Empid	Empname	Company
1	vicky	8000
2	pandu	7000
3	Jayal	5000.

1. Create view:

Query: Create view comp Salary view or select Company, avg (Salary) and avg salary, count(\*) (or) Emp Count from employee 2 group by Company;

Output:

Select \* from comp Salary view;

Company	Avg Salary	Emp Count
Google	5000	1
HCL	8000	1
DLF	700	1

2. Create trigger:

Query:

Create trigger a trg-salary check before insert or update on Employee 2 for each row begin

if New. Salary < 6000 then

Set Message text = 'salary must be atleast' 6000;

End If;

END;

Query:

insert into Employee value (4, 'Santhosh', 27, 5500);

Output

Error 1444(5500): salary must be atleast 6000

sql:

Insert into Employee 2 values (4, 'Santhosh', 27, 6500);

Query

Select \* from Employee &;

Emp id	Emp name	Company	Salary
1	vicky	HCL	8000
2	Pandur	DLF	7000
3	Jayal	Google	5000
4	Santhosh	IT	6500

VEL TECH	
EX NO.	6
PERFORMANCE (5)	6
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	26
SIGN WITH DATE	16/9/24

Result:-

The implementation of triggers & views on the database has been successfully computed and verified.