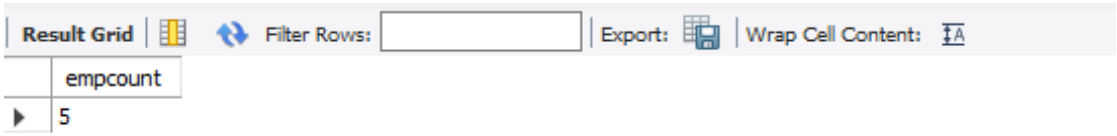
AATHMIGA M
20.11.2024-D&A-AI/ML

1.Create a trigger that display the count of rows after inserting a new record t a employee

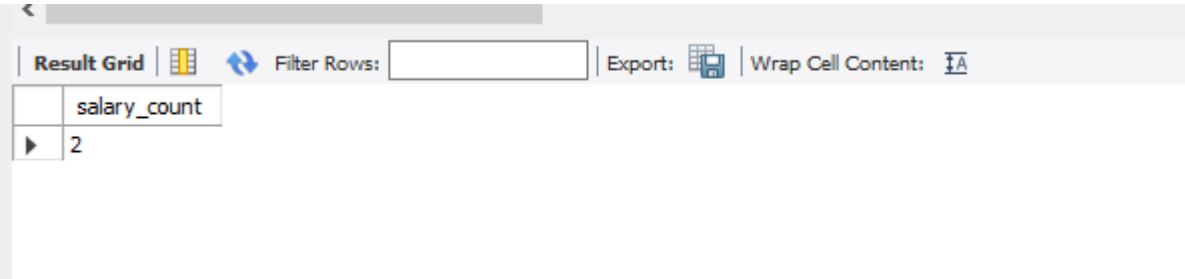
```
create database triggers;

use triggers;
create table employee (
   emp_id int PRIMARY KEY AUTO_INCREMENT,
   empname varchar(100) NOT NULL,
   salary DECIMAL(10, 2) NOT NULL,
   practice varchar(50),
   location varchar(100)
);

create table employeecount (
   empcount int DEFAULT 0
);

insert into employeecount (empcount) values (0);

delimiter $$
create trigger after_employee_insert
after insert on employee
for each row
begin
   update employeecount
   set empcount = empcount + 1;
end $$;
delimiter ;

insert into employee (empname, salary, practice, location)
values ('Abi', 60000, 'TN', 'chennai'),
('Keerthu', 67000, 'SL', 'banglore'),
('Ruthu', 23000, 'TN', 'chennai');

insert into employee (empname, salary, practice, location)
values ('jaya', 70000, 'TN', 'kochi');
set SQL_SAFE_UPDATES = 0;
```

```
select * from employeecount;
```



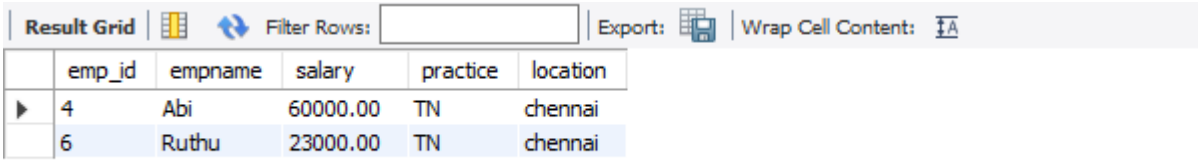
2.Create a trigger that display the count of employees whose salary get updated .

```
create table employeesalarycount (
   salary_count int default 0
);

insert into employeesalarycount (salary_count) values (0);

delimiter $$
create trigger salary_update
after update on employee
for each row
begin
   if old.salary != new.salary then
      update employeesalarycount
      set salary_count = salary_count + 1;
   end if;
end $$;
delimiter ;

update employee
set salary = 65000
where emp_id = 5;

select * from employeesalarycount;
```



3.create a view return employee in chennai location and tn practice

```
create view chennai_TN as
select *
from employee
where location = 'Chennai' and practice = 'TN';

select * from chennai_TN;
```

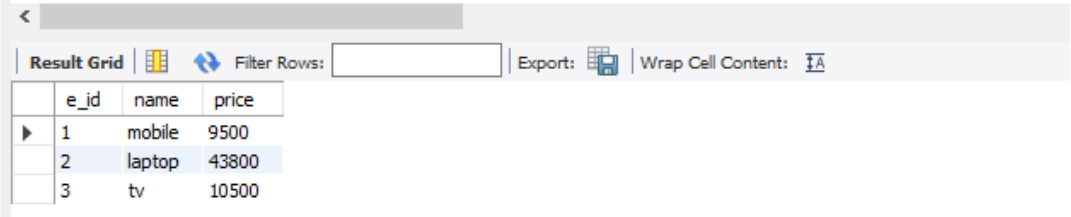


emp_id	empname	salary	practice	location
4	Abi	60000.00	TN	chennai
6	Ruthu	23000.00	TN	chennai

4.create a view that display the details of product from electronics price>9000

```
create table electronics (
   e_id int PRIMARY KEY AUTO_INCREMENT,
   name varchar(100) not null,
   price int not null
);
ALTER TABLE electronics
MODIFY COLUMN price INT NOT NULL;

create view electronic as
select *
from electronics
where price > 9000;
truncate table electronics;
insert into electronics (name, price)
values
```

```
    ('mobile', 9500),
    ('laptop', 43800),
    ('tv', 10500),
    ('iron box', 1200);
select * from electronic;
```



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

e_id	name	price
1	mobile	9500
2	laptop	43800
3	tv	10500