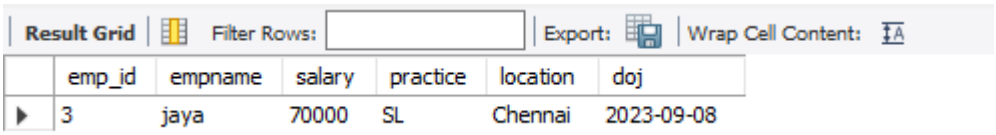
AATHMIGA M

21.11.2024 D&A AI/ML

1.create a SP that returns the details of employee joined in a specific year

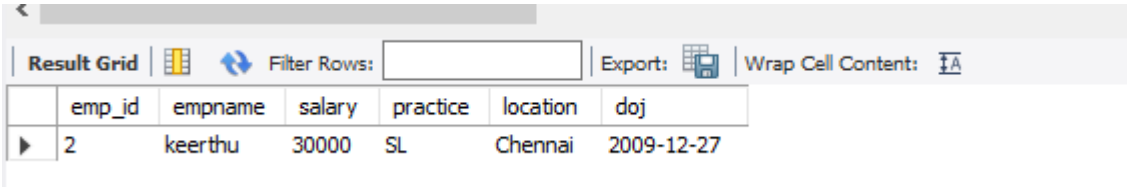
```
SELECT * FROM product.employee;
use product;
truncate table employee;
create table employee (
   emp_id int PRIMARY KEY AUTO_INCREMENT,
   empname varchar(100) NOT NULL,
   salary int NOT NULL,
   practice varchar(50),
   location varchar(100)
);
alter table employee
add column doj DATE;

insert into employee (empname, salary, practice, location, doj)
values ('abi', 50000, 'TN', 'Chennai', '2015-01-21'),
('keerthu', 30000, 'SL', 'Chennai', '2009-12-27'),
('jaya', 70000, 'SL', 'Chennai', '2023-09-08'),
('ruthu', 20000, 'TN', 'Chennai', '2020-05-06');
set sql_safe_updates=0;
delimiter $$

create procedure GetEmployeesByYear(IN join_year int)
begin
   select * from employee
   where year(doj) = join_year;
end $$;

delimiter ;
CALL GetEmployeesByYear(2023);
```



emp_id	empname	salary	practice	location	doj
3	jaya	70000	SL	Chennai	2023-09-08

2.create a view that display the senior most employee

```
create view SeniorMostEmployee AS
select * from employee
where doj = (select MIN(doj) from employee);
select * from SeniorMostEmployee;
```



emp_id	empname	salary	practice	location	doj
2	keerthu	30000	SL	Chennai	2009-12-27