Name: Saravanakumar K Department: Impact Training
Date: 22.11.2024 Task: PL/SQL

Add DOJ to the existing employee table:

```
Create Table Employee_details(
 Employee_id int auto_increment primary key,
 Employee_name Varchar (100),
 Employee_salary Decimal (10,2)
 );

Insert Employee_details (Employee_id, Employee_name, Employee_salary)
 values (101, 'Gowtham', '45000.00'),
 (002, 'Saravana', '40000.00'),
 (003, 'Krishna', '38000.00'),
 (004, 'Gokul', '35000.00'),
 (005, 'Ramesh', '30000.00'),
 (006, 'Dhinesh', '27500.00'),
 (007, 'Moulish', '25000.00');

 ALTER TABLE Employee_details
 ADD DOJ DATE;


UPDATE Employee_details set DOJ='2016-11-21'
 WHERE Employee_id = 001;


UPDATE Employee_details set DOJ='2016-12-12'
 WHERE Employee_id = 002;


UPDATE Employee_details set DOJ='2017-07-06'
 WHERE Employee_id = 003;


UPDATE Employee_details set DOJ='2017-09-16'
 WHERE Employee_id = 004;


UPDATE Employee_details set DOJ='2018-03-17'
 WHERE Employee_id = 005;
```

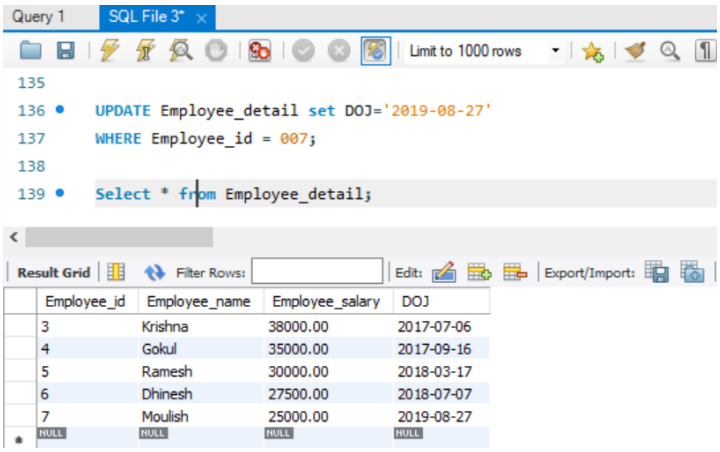
Name: Saravanakumar K
Date: 22.11.2024

Department: Impact Training
Task: PL/SQL

```
UPDATE Employee_details set DOJ='2018-07-07'
 WHERE Employee_id = 006;
```

```
UPDATE Employee_details set DOJ='2019-08-27'
 WHERE Employee_id = 007;
```

```
Select * from Employee_details;
```



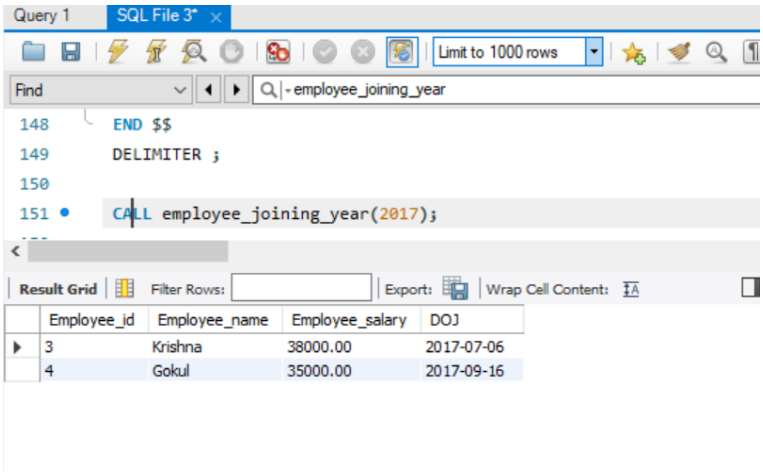
Employee joined in a specific year :

```
USE PRODUCT;
```

```
DELIMITER $$
 CREATE procedure employee_joining_year(IN YEAR INT)
 BEGIN
 select * from Employee_details
 where YEAR (DOJ)=YEAR ;
```

```
END $$
DELIMITER ;
```

```
CALL employee_joining_year(2017);
```




```
USE PRODUCT;
```

View to display the senior most person:

```
create view senior_employee as
 select * from Employee_details
 where DOJ = (select min(DOJ) from Employee_details);
```

```
select * from senior_employee;
```

Name: Saravanakumar K
Department: Impact Training
Date: 22.11.2024
Task: PL/SQL