**MySQL Assignment -1**

1. Create database Infosys

* CREATE DATABASE Infosys;
* USE Infosys;

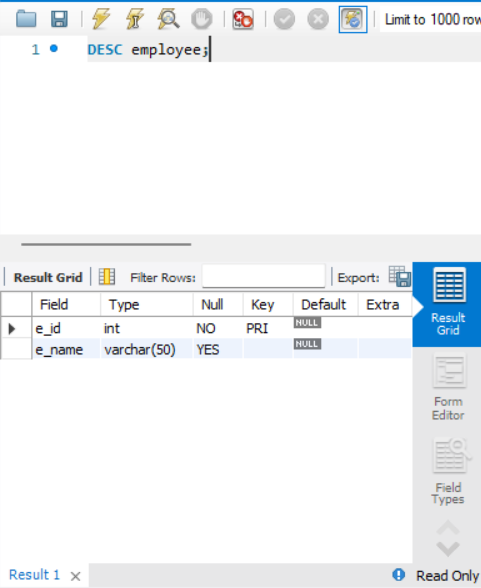
1. Create a table employee with e\_id and e\_name.

* CREATE TABLE employee ( #Employee Table created

e\_id INT PRIMARY KEY,

 e\_name VARCHAR(50));

1. Display the structure of the table

* DESC Employee
* 

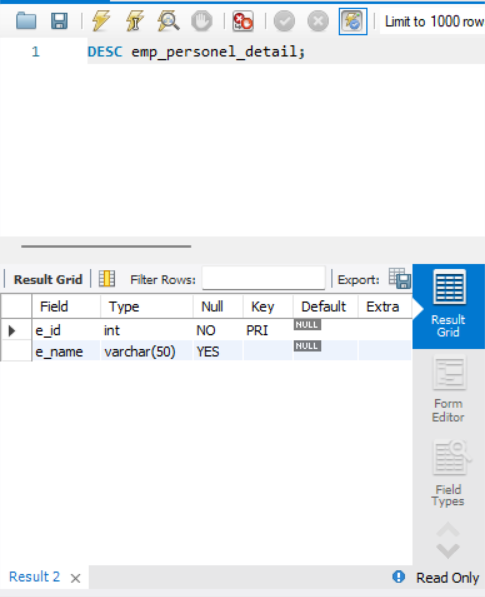
1. Rename the table employee to emp\_personel\_detail

* ALTER TABLE employee RENAME TO emp\_personel\_detail;



1. Display the structure of the table

* DESC emp\_personel\_detail;

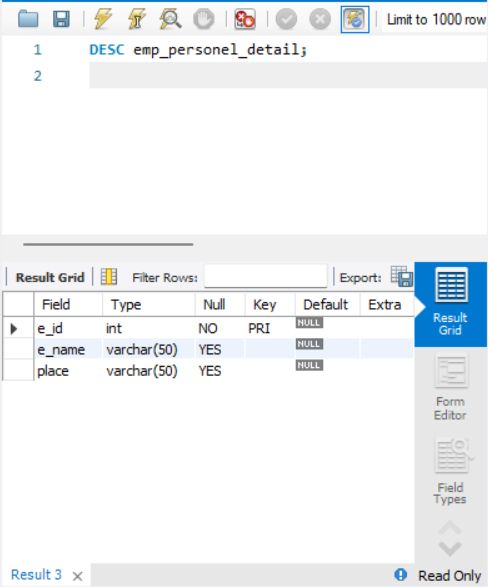


1. Add a field place

* ALTER TABLE emp\_personel\_detail ADD place VARCHAR(50);

1. Display the structure of the table

* DESC emp\_personel\_detail;

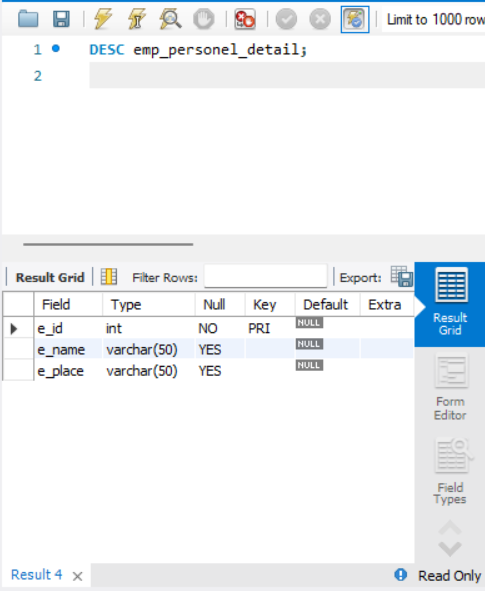


1. Rename field name place to e\_place

* ALTER TABLE emp\_personel\_detail CHANGE place e\_place VARCHAR(50);

1. Display the structure of the table

* DESC emp\_personal\_detail



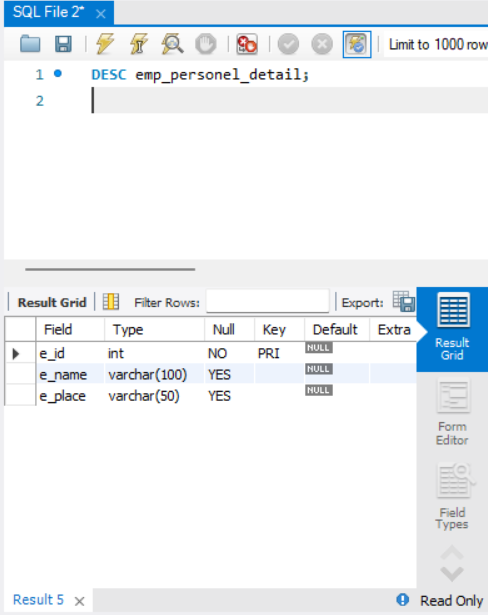
1. Modify field size of e\_name i.e  increase the size.

* ALTER TABLE emp\_personel\_detail MODIFY e\_name VARCHAR(100);



1. Display the structure of the table

* DESC emp\_personal\_table;

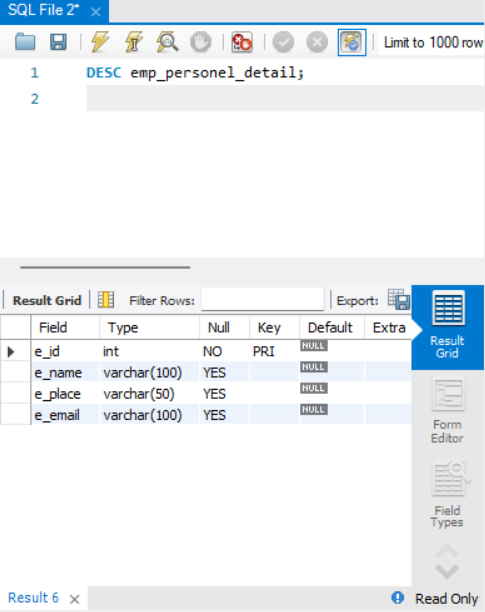


1. Add a field e\_email

* ALTER TABLE emp\_personel\_detail ADD e\_email VARCHAR(100);

1. Display the structure of the table

* DESC emp\_personal\_detail;



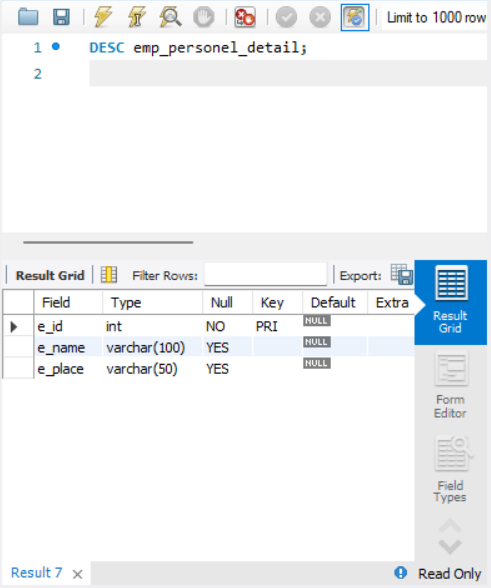
1. Remove i.e Drop the field e\_email

* ALTER TABLE emp\_personel\_detail DROP COLUMN e\_email;



1. Display the structure of the table

* DSEC emp\_personal\_detail

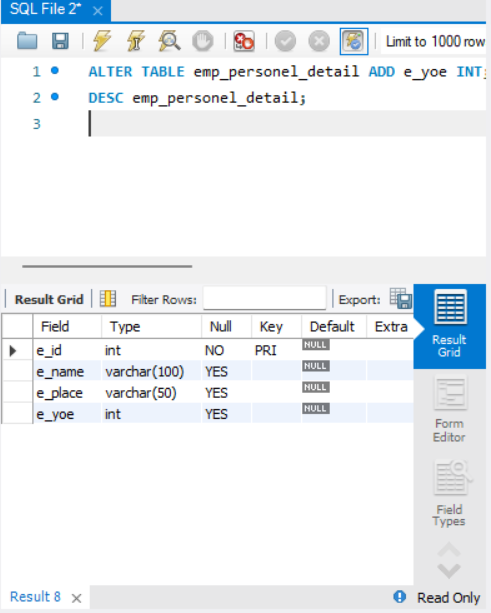


1. Add  a field e\_yoe(employee years of experience ).

* ALTER TABLE emp\_personel\_detail ADD e\_yoe INT;



1. Display the structure of the table

* DSEC emp\_personal\_detail
* 

1. Insert the following table data.

* INSERT INTO emp\_personel\_detail (e\_id, e\_name, e\_place, e\_yoe) VALUES

(101, 'Ramu', 'Mysore', 3),

(102, 'Raju', 'Bangalore', 4),

(103, 'Rani', 'Chennai', 3),

(104, 'Sam', 'Hyderabad', 2),

(105, 'Raja', 'Madurai', 1),

(106, 'Ramya', 'Trichy', 0),

(107, 'Selvi', 'Bombay', 3),

(108, 'Kalyani', 'Bangalore', 7),

(109, 'Tom', 'Mysore', 4),

(110, 'Vasu', 'Chennai', 5);

|  |  |  |  |
| --- | --- | --- | --- |
| e\_id | e\_name | e\_place | e\_yoe |
| 101 | Ramu | Mysore | 3 |
| 102 | Raju | Bangalore | 4 |
| 103 | Rani | Chennai | 3 |
| 104 | Sam | Hyderabad | 2 |
| 105 | Raja | Madurai | 1 |
| 106 | Ramya | Trichy | 0 |
| 107 | Selvi | Bombay | 3 |
| 108 | Kalyani | Bangalore | 7 |
| 109 | Tom | Mysore | 4 |
| 110 | Vasu | Chennai |  |

1. Insert three records at a time i.e by using single query.

* INSERT INTO emp\_personel\_detail (e\_id, e\_name, e\_place, e\_yoe) VALUES

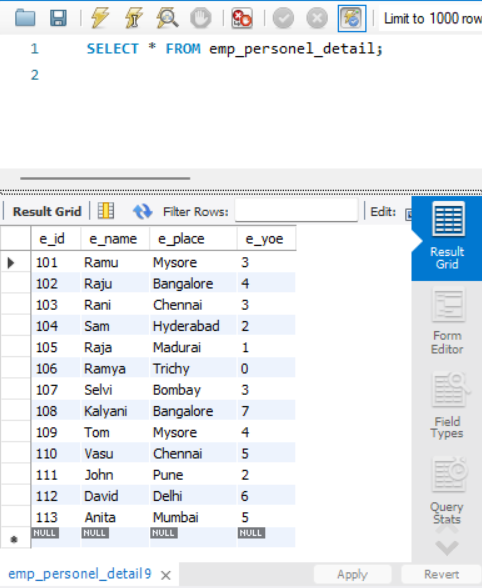
(111, 'John', 'Pune', 2),

(112, 'David', 'Delhi', 6),

(113, 'Anita', 'Mumbai', 5);

1. Display all records

* SELECT \* FROM emp\_personel\_detail;



1. Insert only e\_id, e\_name , e\_place values for 2 more records

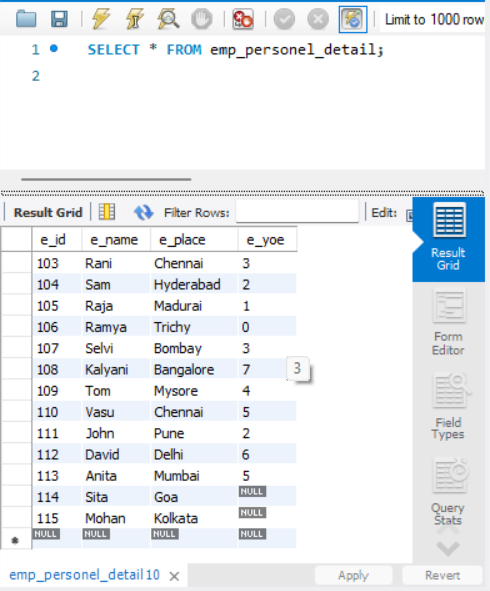
* INSERT INTO emp\_personel\_detail (e\_id, e\_name, e\_place) VALUES

(114, 'Sita', 'Goa'),

(115, 'Mohan', 'Kolkata');

1. Display all records

* SELECT \* FROM emp\_personel\_detail;

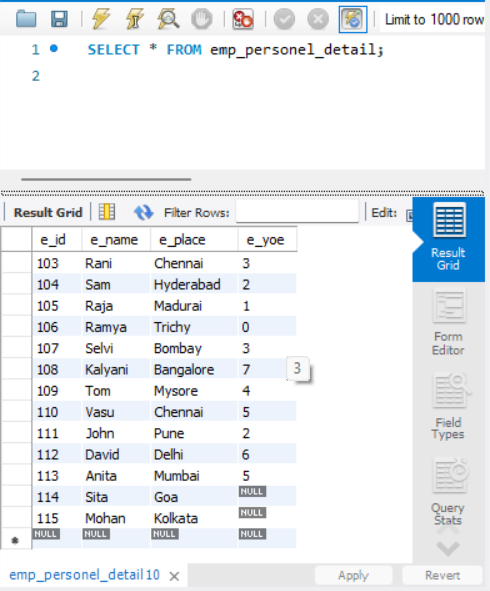


1. Update the e\_yoe fields which is having null value.

* UPDATE emp\_personel\_detail SET e\_yoe = 0 WHERE e\_yoe IS NULL;

1. Display all records

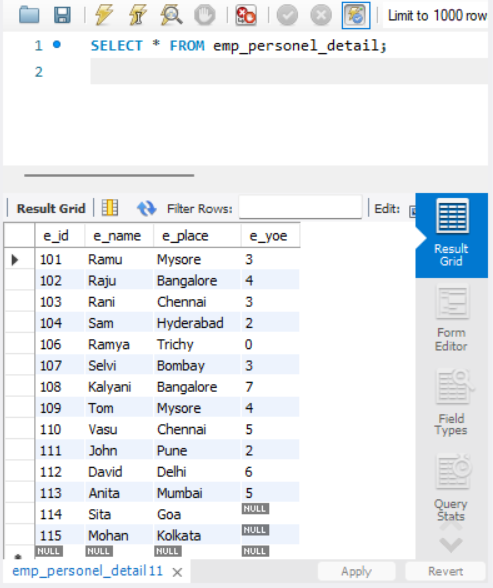
* SELECT \* FROM emp\_personel\_detail;



1. Delete the employee records which is having e\_id value is equal to 105

* DELETE FROM emp\_personel\_detail WHERE e\_id = 105;

1. Display all records

* 

1. Delete the employee records who are having less than two years of experience

* DELETE FROM emp\_personel\_detail WHERE e\_yoe < 2;

1. Display all records

* 