MySQL Assignment 3

/\* Create a table named Managers with fields : Manager\_Id First\_name Last\_Name DOB Age

->Use check constraint Last\_update Gender Department Salary -> NOT NULL

\*/

create database Manager;

use manager;

create table managers(

Manager\_Id int primary key,

First\_Name varchar(20) not null,

Last\_Name varchar(20) not null,

DOB date not null,

Age int check (age >= 18),

Last\_update date not null,

Gender char,

Department varchar(30),

Salary bigint NOT NULL

);

-- 1. Insert 10 rows.

insert into managers values(1237, 'Adri', 'Bhattacharya', '1992-06-23', 35, '2024-09-11', 'M', 'IT', 56000 );

insert into managers values(2345, 'Neeraj', 'Rawat', '1992-06-24', 36, '2024-09-11', 'M', 'Sales', 65000 );

insert into managers values(3645, 'Rahul', 'Kutty', '1992-06-25', 25, '2024-09-11', 'M', 'IT', 86000 );

insert into managers values(4637, 'Nirmal', 'Seetharaman', '1992-06-26', 32, '2024-09-11', 'M', 'IT', 36000 );

insert into managers values(5647, 'Ashok', 'OB', '1992-06-27', 55, '2024-09-11', 'M', 'IT', 94000 );

insert into managers values(6738, 'Sona', 'Pillai', '1992-06-28', 34, '2024-09-11', 'F', 'IT', 35000 );

insert into managers values(7453, 'Jermina', 'Mathew', '1992-06-29', 32, '2024-09-11', 'F', 'IT', 76000 );

insert into managers values(8769, 'Elizabeth', 'Sebastian', '1992-06-30', 31, '2024-09-11', 'F', 'IT', 99000 );

insert into managers values(9756, 'Andrew', 'Brown', '1992-07-31', 36, '2024-09-11', 'M', 'IT', 125000 );

insert into managers values(0947, 'Yadu', 'Krishna', '1992-06-01', 27, '2024-09-11', 'M', 'IT', 65000 );

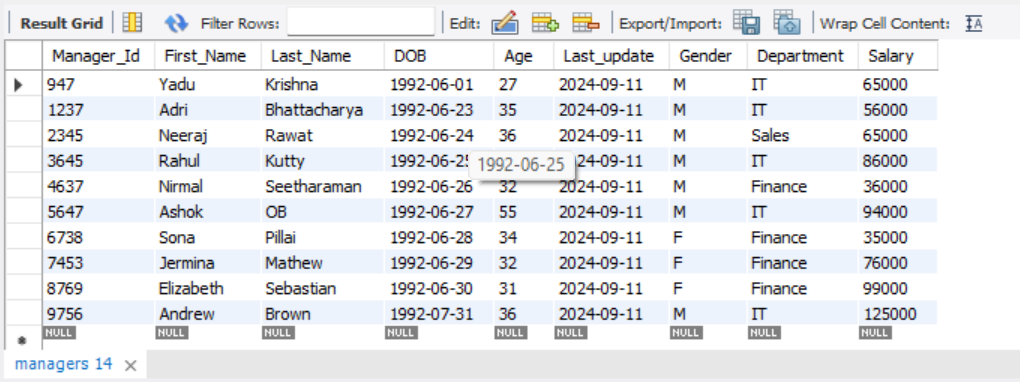
select \* from managers;

update managers set Department = 'Finance' where manager\_id = (4637);

update managers set Department = 'Finance' where manager\_id = (6738);

update managers set Department = 'Finance' where manager\_id = (7453);

update managers set Department = 'Finance' where manager\_id = (8769);



-- 2. Write a query that retrieves the name and date of birth of the manager with Manager\_Id 1237.

select first\_name, last\_name, dob from managers where manager\_id = 1237;

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-- 3. Write a query to display the annual income of all managers.

select first\_name, last\_name, department, salary\*12 as Annual\_Income from managers;

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-- 4. Write a query to display records of all managers except ‘Andrew’.

select \* from managers where first\_name != 'Andrew';

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-- 5. Write a query to display details of managers whose department is IT and earns more than 25000 per month.

select \* from managers where department = 'IT' and salary >= 25000;

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-- 6. Write a query to display details of managers whose salary is between 10000 and 35000.

select \* from managers where salary between 10000 and 35000;

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