**SQL ASSIGNMENT-1**

**QUESTIONS:**

**Part-1:**

Write a query to insert a new employee into the Employees table with values (1, 'John', 'HR', 50000).

Write a query to insert multiple rows into a table in a single query.

Write an INSERT query where only some columns are provided (not all).

Write a query to update the salary of an employee with ID = 101 to 60000.

Update the department of all employees from 'Sales' to 'Marketing'.

Increase salary by 10% for all employees in the 'IT' department.

Write a query to update multiple columns in a table using a single statement.

Write a query to delete a record from the Employees table where ID = 5.

Delete all employees whose department is 'HR'.

Delete all records from a table but keep the structure.

Write a query to add a new column DOB of type DATE to the Employees table.

**Part-2:**

Write a query to create a table called Students with columns: ID, Name, Age, and Email.

Create a table and set the default value of the status column to 'Active'.

Write a query to drop a table named TempData.

Write a query to drop a column from an existing table.

**ANSWERS:**

**Part-1:**

create database Com;

use Com;

create table Employees(Id int,EmployeesName varchar(100),Department varchar(100),Salary int);

insert into Employees values(1,"John","HR",50000);

insert into Employees

values(2,"Abilash","Marketing",40000),(3,"Santhosh","R&D",60000),(4,"Kailash","Manufacturing",60000);

insert into Employees values(101,"Shiva","IT",50000),(102,"Shyam","IT",60000),(112,"Krish","Sales",60000),(111,"Ram","Sales",40000),(103,"Riyas","IT",70000);

insert into Employees values(5,"Janani","HR",50000);

insert into Employees (Id, EmployeesName, Salary)

values (15, 'Jay', 50000);

select\*from Employees;

update Employees set ID=101 where Salary=60000;

update Employees set Department="Marketing" where Department="Sales";

update Employees set Salary = Salary \* 1.10 where Department = 'IT';

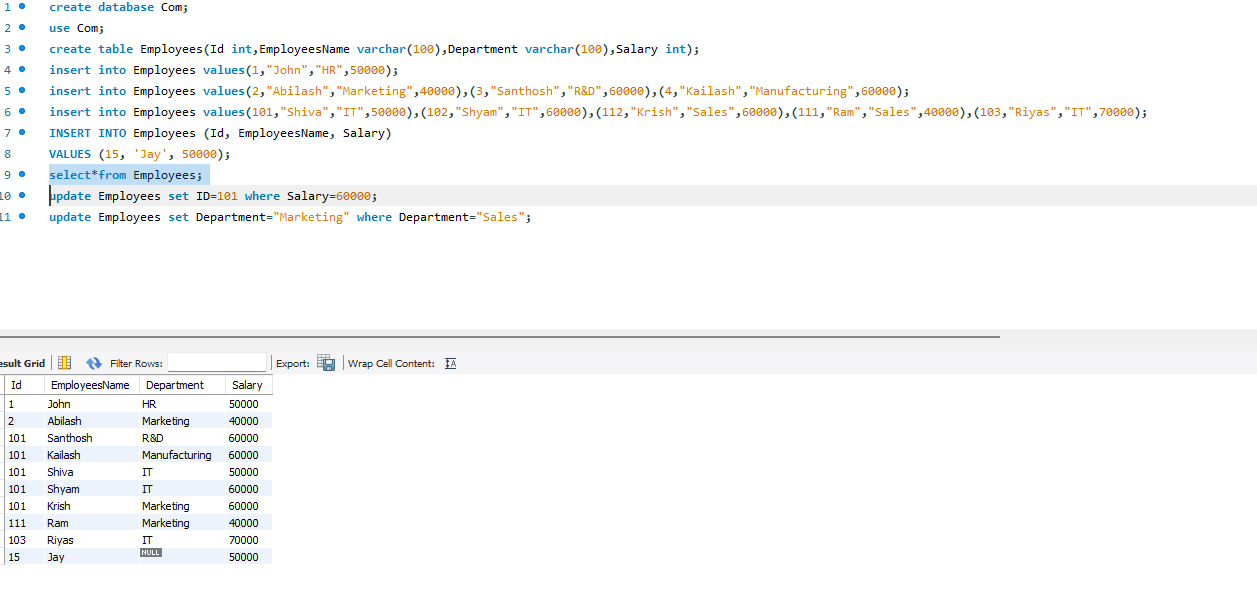
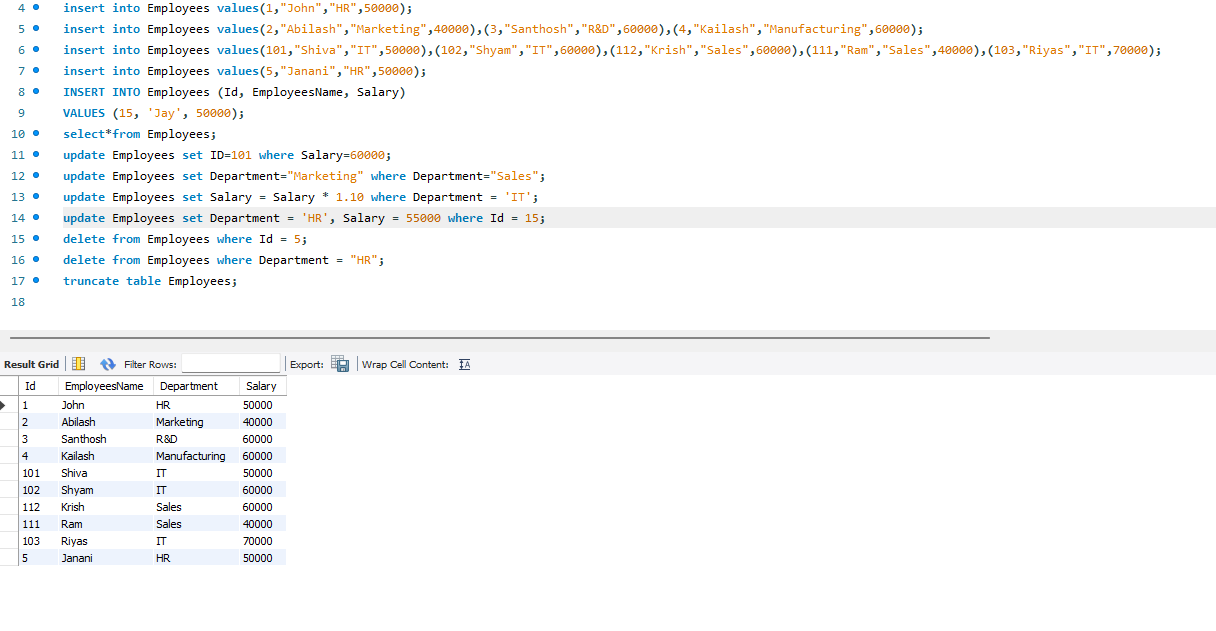
update Employees set Department = 'HR', Salary = 55000 where Id = 15;

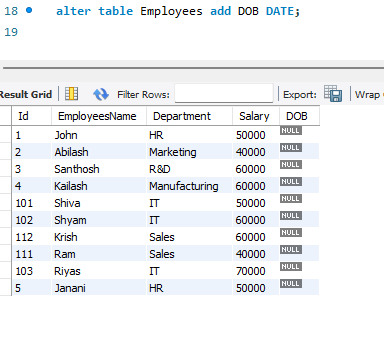
delete from Employees where Id = 5;

delete from Employees where Department = "HR";

truncate table Employees;

alter table Employees add DOB Date;

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**Part-2:**

create database stu;

use stu;

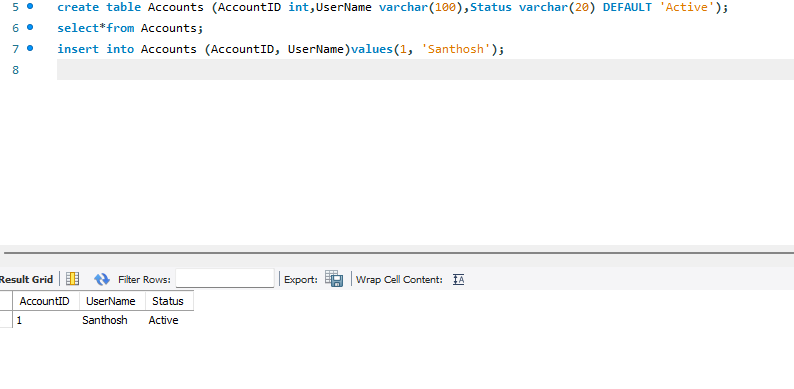
create table Students (ID int,Name varchar(100),Age int,Email varchar(100));

select\*from Students;

create table Accounts (AccountID int,UserName varchar(100),Status varchar(20) DEFAULT 'Active');

select\*from Accounts;

insert into Accounts (AccountID, UserName)values(1, 'Santhosh');



create table TempData (AccountID int,UserName varchar(100),Status varchar(20) DEFAULT 'Active');

select\*from TempData;

insert into TempData (AccountID, UserName)values(1, 'Santhosh');

Drop table TempData;

alter table Students Drop column Age;

