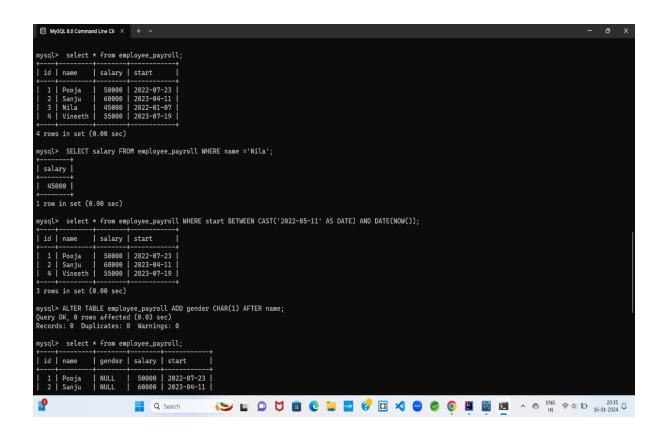
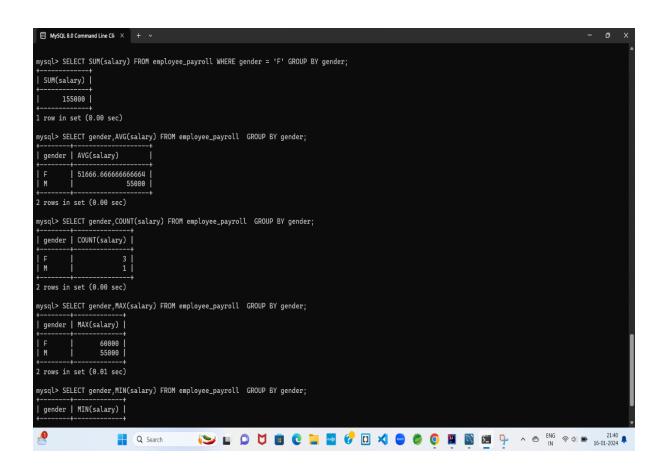
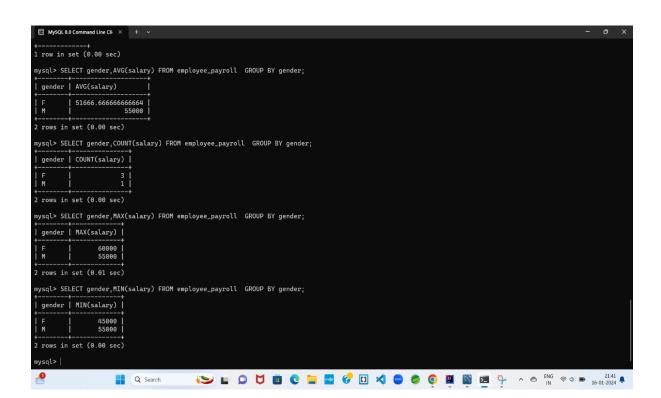
Employee Payroll Problems

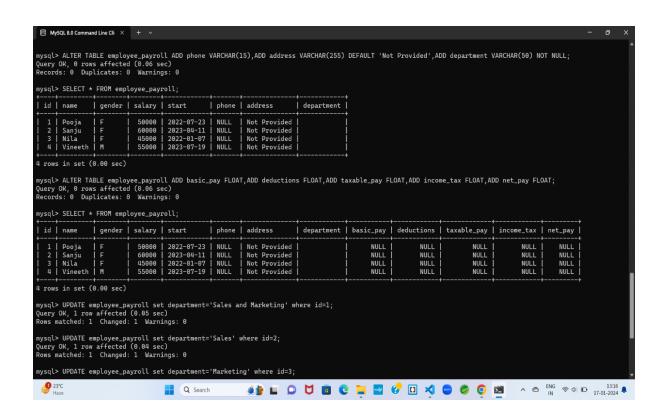
```
mysql> create database payroll_service;
Query OK, 1 row affected (0.04 sec)
 mysql> show databases;
  Database
  information_schema
  mysql
  payroll_service
  performance_schema
  sampledb
  studentdatabase
7 rows in set (0.00 sec)
mysql> use payroll_service;
Database changed
mysql> Create Table employee_payroll;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql> Create Table employee_payroll(id INT unsigned NOT NULL AUTO_INCREMENT, name VARCHAR(150) NOT NULL, salary Double NOT NULL, start DATE NOT NULL, PRIMARY K
EY (id));
Query OK, 0 rows affected (0.07 sec)
mysql> select * from employee_payroll;
Empty set (0.00 sec)
mysql> insert into employee_payroll (name,salary,start) values('Pooja',50000,'2022-07-23');
Query OK, 1 row affected (0.04 sec)
mysql> insert into employee_payroll (name, salary, start) values('Sanju', 60000, '2023-04-11');
Query OK, 1 row affected (0.04 sec)
mysql> insert into employee_payroll (name,salary,start) values('Nila',45000,'2022-01-07');
Query OK, 1 row affected (0.04 sec)
mysql> insert into employee_payroll (name, salary, start) values('Vineeth', 55000, '2023-07-19');
Query OK, 1 row affected (0.00 sec)
```

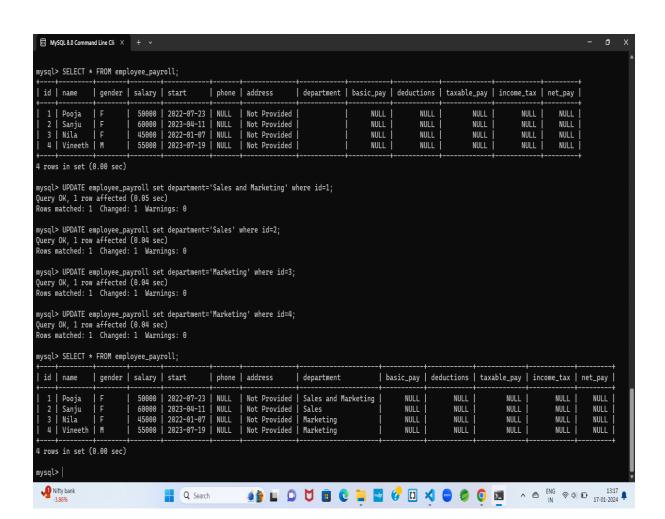


```
mysql> ALTER TABLE employee_payroll ADD gender CHAR(1) AFTER name;
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> select * from employee_payroll;
 id | name
                | gender | salary | start
       Pooja
                 NULL
                            50000 | 2022-07-23 |
   2 |
       Sanju
                 NULL
                            60000
                                    2023-04-11
       Nila
                                    2022-01-07
                 NULL
                            45000
   3 I
   4 | Vineeth |
                 NULL
                            55000 | 2023-07-19
4 rows in set (0.00 sec)
mysql> UPDATE employee_payroll set gender ='F' where name='Pooja' or name='Sanju' or name='Nila';
Query OK, 3 rows affected (0.01 sec)
Rows matched: 3 Changed: 3 Warnings: 0
mysql> UPDATE employee_payroll set gender ='M' where name='Vineeth';
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from employee_payroll;
 | id | name
                 gender | salary | start
       Pooja
                            50000
                                    2022-07-23
       Sanju
                            60000
                                    2023-04-11
       Nila
                            45000
                                    2022-01-07
                            55000
   4 |
       Vineeth | M
                                    2023-07-19
4 rows in set (0.00 sec)
```









```
MySQL 8.0 Command Line Cli X
                                                                                                                                                                                                                                      o
mysql> CREATE TABLE Company (CompanyID INT PRIMARY KEY,Name VARCHAR(255) NOT NULL); Query OK, 0 rows affected (0.04 sec)
mysql> INSERT INTO Company VALUES(100,'Wipro'),(101,'TCS');
Query OK, 2 rows affected (0.05 sec)
Records: 2 Duplicates: 0 Warnings: 0
 mvsgl> select * from Company:
   CompanyID | Name |
             100 | Wipro
101 | TCS
2 rows in set (0.00 sec)
mysql> CREATE TABLE Employee (EmployeeID INT PRIMARY KEY, Name VARCHAR(255) NOT NULL,Phone VARCHAR(15),Address VARCHAR(255),Gender CHAR(1), CompanyID INT,FO REIGN KEY (CompanyID) REFERENCES Company(CompanyID));
Query ΟΚ, θ rows affected (θ.08 sec)
mysql> INSERT INTO Company VALUES(1,'Pooja','9376645368','Bangalor','F',100),(2,'Sanju','8768645368','Bangalor','F',101),(3,'Vineeth','7376645368','Chennai','M',100);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> INSERT INTO Employee VALUES(1,'Pooja','9376645368','Bangalor','F',100),(2,'Sanju','8768645368','Bangalor','F',101),(3,'Vineeth','7376645368','Chennai','M',100);
Query ON, 3 rows affected (0.02 sec)
Records: 3 Duplicates: 0 Warnings: 0
 mvsal> select * from Employee:
   EmployeeID | Name
                                                        | Address | Gender | CompanyID
                                    I Phone
                      Pooja
                                      9376645368
                                                          Bangalor
                                                                                                  100
                                       8768645368
                       Sanju
                                                          Bangalor
                                                                                                  101
                      Vineeth
                                      7376645368
                                                         Chennai
                                                                                                  100
 3 rows in set (0.00 sec)
 mysql> CREATE TABLE Department (DeptID INT PRIMARY KEY, Name VARCHAR(255) NOT NULL));sql>
CREATE TABLE Department (DeptID INT PRIMARY KEY, Name VARCHAR(255) NOT NULL)); CREATE TABLE Department (DeptID INT PRIMARY KEY, Name VARCHAR(255) N
                                                                         🕾 🖿 🕽 💆 🛢 🖸 📮 📅 🐓 🗓 🛪 🖨 🤴 🧿 🖼 📱
                                                                                                                                                                                                   Q Search
```

