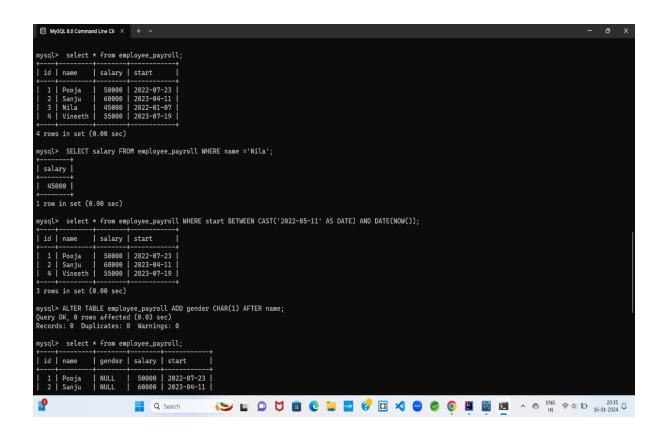
## **Employee Payroll Problems**

```
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)
```

