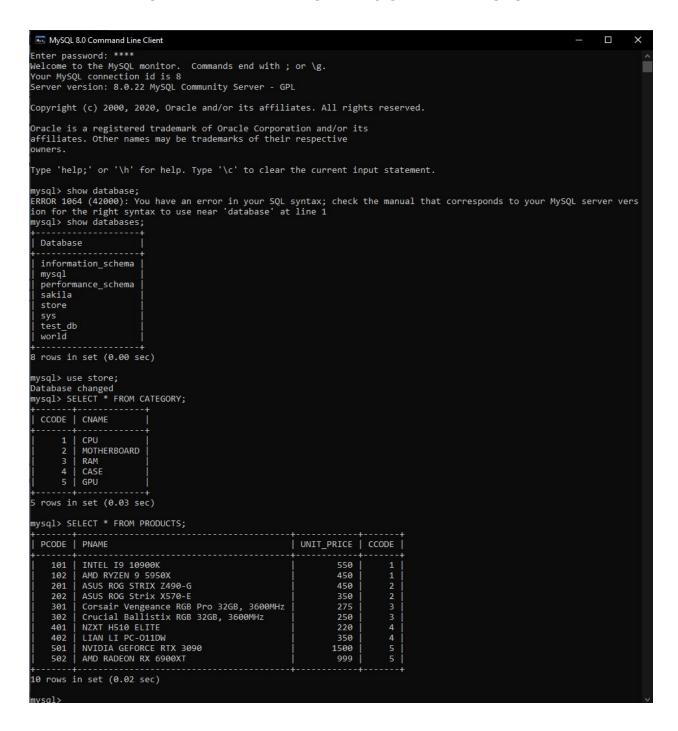
SQL ASSIGNMENT

1. CREATING THE TABLE AND INSERTING SAMPLE VALUES



```
MySQL 8.0 Command Line Client
                                                                                                                                       ×
    402 | LIAN LI PC-011DW
501 | NVIDIA GEFORCE RTX 3090
502 | AMD RADEON RX 6900XT
                                                                        350
                                                                       1500
10 rows in set (0.02 sec)
mysql> SELECT * FROM SALES_EXEC;
  SEID | SENAME | DOB
                                    GENDER | MOBILE_NO |
                    | 1999-03-12 | M
| 1999-10-15 | M
| 1999-01-16 | M
  5001
          PREM
                                                  9841275333
         | PREM
| NISHANT |
  5002
                                                 9841275332
  5003 | RAHUL
                                                 9841275331
  rows in set (0.02 sec)
mysql> SELECT * FROM CUSTOMER;
  CUID | CUNAME | DOB
                                  | GENDER | MOBILE_NO | LCODE |
   901 | KESAV | 1999-09-21 | M

902 | ANAM | 1999-11-19 | M

903 | SAI | 1998-03-01 | M

904 | NAVEEN | 1999-12-25 | M

905 | NEELESH | 1999-11-21 | M
                                                 987654321
                                                                    603
                                                 9176254462
                                                 9962554412
                                                                    602
                                                 8939244312
                                                                    603
                                                 9884431281
                                                                    602
  rows in set (0.02 sec)
mysql> SELECT * FROM LOCATION;
  LCODE | LNAME
    601
            KK NAGAR
            VADAPALANI
         VIRUGAMBAKKAM
 rows in set (0.02 sec)
mysql> SELECT * FROM PURCHASE;
  SEID | PCODE | CUID | DOP
                                          NOU |
                             2021-01-10
  5001
             101
                     902
                             2021-01-10
  5001
             101
                     904
                             2021-01-10
             102
  5001
                     901
                             2021-01-10
                     905
  5001
  5002
                     902
                             2021-01-10
  5002
                     904
                             2021-01-10
  5002
             202
                     901
                             2021-01-10
  5002
                     905
                             2021-01-10
  5003
             302
                     903
                             2021-01-10
  5003
                     901
                             2021-01-10
  5003
                     901
                             2021-01-10
 1 rows in set (0.02 sec)
```

2. TO FIND THE MOST PURCHASED PRODUCT IN A DAY IN THE LAST WEEK.

3. TO FIND THE TOTAL PRODUCTS SOLD BY EACH SALES EXECUTIVE.

```
mysql> SELECT SE.SEID, SE.SENAME, SE.DOB, SE.GENDER, SE.MOBILE_NO, T.PRODUCTS_SOLD FROM SALES_EXEC SE LEFT JOIN (SELE
CT SEID, SUM(P.NOU) AS PRODUCTS_SOLD FROM PURCHASE P GROUP BY SEID) T ON SE.SEID = T.SEID;
 SEID | SENAME
                                      | GENDER | MOBILE NO
                                                                     PRODUCTS SOLD
          PREM
                       1999-03-12 |
                                                    9841275333
 5002
          NISHANT
                       1999-10-15
                                                    9841275332
 5003
          RAHUL
                       1999-01-16
                                                    9841275331
 rows in set (0.00 sec)
ysql>
```