TASK-1 RESULTS

Name: Aditi Singh

SRN: PES2UG20CS022

Class: 5A

```
mysql> SELECT * FROM paymentinfo WHERE bank='Union Bank';
+----------------+------------+------------------+-------+---------+
| transaction_id | bank       | card_no          | price | pnr     |
+----------------+------------+------------------+-------+---------+
|         978776 | UNION BANK | 1I54978597435874 | NULL  | PNR003  |
|         867546 | UNION BANK | 4.65769E+15      | NULL  | PNR010  |
|         243535 | UNION BANK | 2.43647E+15      | NULL  | PNR012  |
|         758900 | UNION BANK | 2.43266E+15      | NULL  | PNR015  |
+----------------+------------+------------------+-------+---------+
4 rows in set (0.00 sec)
```

```
mysql> Use pes2ug20cs022
Database changed
mysql> Update user set age= DATE_FORMAT(FROM_DAYS(DATEDIFF(now(),DOB)),'%Y')+0;
Query OK, 33 rows affected (0.01 sec)
Rows matched: 33  Changed: 33  Warnings: 0

mysql> SELECT * FROM pes2ug20cs022.user;
+---------+-----------+-----------+-----------+-----+------------+---------+---------------------------+
| user_id | user_type | fname     | lname     | age | DOB        | pincode | street                    |
+---------+-----------+-----------+-----------+-----+------------+---------+---------------------------+
| USR_001 | PSGR      | Ajit      | Ullal     | 39  | 1983-03-11 | 560001  | 10, Janpath               |
| USR_002 | PSGR      | Muhammed  | Ali       | 21  | 2000-10-09 | 560003  | 10, Downing               |
| USR_003 | PSGR      | Sai Deepak| Reddy     | 25  | 1996-12-12 | 600001  | 14, Kailsh Marg           |
| USR_004 | PSGR      | Rudra     | Agarwal   | 25  | 1996-12-13 | 600042  | 5, Lohia Garden           |
| USR_005 | PSGR      | Rahul     | Khanna    | 24  | 1997-11-14 | 600067  | 1, Pink Street            |
| USR_006 | PSGR      | Nirmala   | Seturaman | 24  | 1998-07-04 | 560105  | 3, Blue Avenue            |
| USR_007 | PSGR      | Smriti    | Irani     | 23  | 1999-02-12 | 575014  | 4, Banyan Avenie          |
| USR_008 | PSGR      | Ajit      | Sethi     | 56  | 1966-05-24 | 575001  | 6, Poes Garden            |
| USR_009 | PSGR      | Arjun     | Allu      | 55  | 1967-06-24 | 575020  | 7, Dhamaka street         |
| USR_010 | PSGR      | Samanta   | Prabhu    | 54  | 1968-02-15 | 600042  | 8, Clone Colony           |
| USR_011 | PSGR      | Kiran     | Bedi      | 53  | 1969-05-19 | 560003  | 56, Brigade Road          |
| USR_012 | PSGR      | Rahul     | Gandhi    | 52  | 1970-03-11 | 475001  | Mirza road                |
| USR_013 | PSGR      | Rashkit   | Shetty    | 51  | 1971-02-24 | 560009  | JC Road                   |
| USR_014 | PSGR      | Rishi     | Sunak     | 50  | 1972-06-26 | 600034  | Anna Sali                 |
| USR_015 | PSGR      | Vedavalli | Srinath   | 49  | 1973-05-30 | 560054  | Church Street             |
| USR_016 | PSGR      | Subbu     | Saravana  | 47  | 1974-10-24 | 600043  | American Street           |
| USR_017 | PSGR      | Sheela    | Dixit     | 46  | 1975-10-10 | 560048  | Kasturba Road             |
| USR_018 | PSGR      | Margaret  | Alva      | 45  | 1976-10-11 | 560008  | New BEL Road              |
| USR_019 | PSGR      | Arun      | Kumar     | 44  | 1977-12-10 | 600046  | Mint Street               |
| USR_020 | PSGR      | Anshu     | Bhardwaj  | 43  | 1978-12-21 | 575001  | KSR Road                  |
| USR_021 | PSGR      | Suma      | Sampat    | 43  | 1979-02-22 | 560012  | Old Airport Road, Bangalore|
| USR_022 | PSGR      | Srihari   | Udupa     | 42  | 1980-01-14 | 560015  | Suranjan Das Road         |
| USR_023 | PSGR      | Satish    | Kotian    | 41  | 1981-03-17 | 600044  | T Nagar                   |
| USR_024 | PSGR      | Shradha   | Nayar     | 40  | 1982-05-24 | 560006  | M G Road, Bangalore       |
| USR_025 | PSGR      | Manisha   | Solanki   | 38  | 1983-10-18 | 575030  | M G Road                  |
| USR_026 | PSGR      | Bharti    | Devgan    | 37  | 1984-10-28 | 560059  | NAL Wind Tunnel Road      |
| USR_027 | PSGR      | Roopa     | Ram       | 36  | 1985-10-07 | 575023  | Bunder Road               |
| USR_028 | PSGR      | Pallavi   | Ram       | 35  | 1986-10-29 | 560044  | Lavelle Road              |
| USR_029 | PSGR      | Ravi      | Naik      | 34  | 1987-10-24 | 600045  | Thiru V ka Salai          |
| USR_030 | PSGR      | Virat     | Murthy    | 34  | 1988-07-09 | 575011  | Bejai New Road            |
| ADM_001 | ADMIN     | Narendra  | Modi      | 32  | 1989-12-07 | 600047  | Old Jail Road             |
| ADM_002 | ADMIN     | Droupadi  | Murmu     | 31  | 1990-10-30 | 640012  | High Street               |
| ADM_003 | ADMIN     | Manmohan  | Singh     | 31  | 1991-08-04 | 575003  | Pumpwell Road             |
```

```
mysql> SELECT * FROM routeinfo WHERE DISTANCE BETWEEN 70 and 150;
+-----------------+---------------+------------------+-----------------+----------+----------+
| from_station_no | to_station_no | from_station_name | to_station_name | distance | train_no |
+-----------------+---------------+------------------+-----------------+----------+----------+
|               1 |             2 | Bengaluru        | Bangarpet       |       71 |    62621 |
|               4 |             5 | Sholingur        | Chennai         |       90 |    62621 |
|               3 |             5 | Katpadi          | Chennai         |      130 |    62621 |
|               1 |             2 | Chennai          | Sholingur       |       90 |    62620 |
|               4 |             5 | Bangarpet        | Bengaluru       |       71 |    62620 |
|               1 |             3 | Chennai          | Katpadi         |      129 |    62620 |
|               1 |             2 | Chennai          | Palakkad        |      130 |    25261 |
|               3 |             4 | Kannur           | Mangaluru       |      131 |    25261 |
|               1 |             2 | Mangaluru        | Kannur          |      131 |    25260 |
|               4 |             4 | Palakkad         | Chennai         |      130 |    25260 |
|               1 |             2 | Bengaluru        | Mysore          |      139 |    58451 |
|               3 |             4 | Mysore           | Bengaluru       |      139 |    58450 |
+-----------------+---------------+------------------+-----------------+----------+----------+
12 rows in set (0.00 sec)

mysql>
```

```
mysql> SELECT * FROM routeinfo WHERE (From_Station_Name='Chennai' AND To_Station_Name='Sholingur') or (From_Station_Name='Chennai') LIMIT 0, 1000;
+-----------------+---------------+------------------+-----------------+----------+----------+
| from_station_no | to_station_no | from_station_name | to_station_name | distance | train_no |
+-----------------+---------------+------------------+-----------------+----------+----------+
|               1 |             2 | Chennai          | Sholingur       |       90 |    62620 |
|               1 |             3 | Chennai          | Katpadi         |      129 |    62620 |
|               1 |             4 | Chennai          | Bangarpet       |      290 |    62620 |
|               1 |             5 | Chennai          | Bengaluru       |      361 |    62620 |
|               1 |             2 | Chennai          | Palakkad        |      130 |    25261 |
|               1 |             3 | Chennai          | Kannur          |      350 |    25261 |
|               1 |             4 | Chennai          | Mangaluru       |      481 |    25261 |
+-----------------+---------------+------------------+-----------------+----------+----------+
7 rows in set (0.00 sec)

mysql>
```

```
mysql> SELECT * FROM train WHERE NOT Train_Type='Mail';
+----------+------------------+------------+-----------+------------+-------------+
| train_no | name             | train_type | arrival   | destination | availabilty |
+----------+------------------+------------+-----------+------------+-------------+
|    62621 | BEN-CHE Shatabdi | Superfast  | Bengaluru | Chennai    | yes         |
|    62620 | CHE-BEN Shatabdi | Superfast  | Chennai   | Bengaluru  | No          |
|    58451 | BEN-MAN Express  | Fast       | Bengaluru | Mangaluru  | yes         |
|    58450 | MAN-BEN Express  | Fast       | Mangaluru | Bengaluru  | yes         |
+----------+------------------+------------+-----------+------------+-------------+
4 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM train WHERE arrival='Bengaluru' AND Destination='Chennai';
+----------+------------------+------------+-----------+------------+-------------+
| train_no | name             | train_type | arrival   | destination | availabilty |
+----------+------------------+------------+-----------+------------+-------------+
|    62621 | BEN-CHE Shatabdi | Superfast  | Bengaluru | Chennai    | yes         |
+----------+------------------+------------+-----------+------------+-------------+
1 row in set (0.00 sec)

mysql>
```

```
mysql> SELECT * FROM ticket WHERE TIME("08:00:00") AND departue='Chennai';
+--------+----------+-------------+----------+-----------+--------------+--------------+--------
--+------------+------------------+----------------+
| pnr    | train_no | travel_date | departue | arrival   | departue_time | arrival_time | user_i
d | train_type | compartment_type | compartment_no |
+--------+----------+-------------+----------+-----------+--------------+--------------+--------
--+------------+------------------+----------------+
| PNR003 |    25261 | 2022-08-01  | Chennai  | Mangaluru | 18:00:00      | 07:30:00     | ADM_00
3 | Mail       | III Class        | G02            |
| PNR002 |    62620 | 2022-08-14  | Chennai  | Bengaluru | 08:00:00      | 12:25:00     | ADM_00
1 | Superfast  | I Class          | F02            |
| PNR008 |    62620 | 2022-08-02  | Chennai  | Bangarpet | 08:00:00      | 09:00:00     | ADM_00
2 | Superfast  | I Class          | F01            |
+--------+----------+-------------+----------+-----------+--------------+--------------+--------
--+------------+------------------+----------------+
3 rows in set (0.00 sec)

mysql>
```

```
mysql> SELECT * FROM user WHERE DOB BETWEEN '1980-01-01' AND '1990-01-01';
+---------+-----------+----------+----------+------+------------+---------+----------------------+
| user_id | user_type | fname    | lname    | age  | DOB        | pincode | street               |
+---------+-----------+----------+----------+------+------------+---------+----------------------+
| USR_001 | PSGR      | Ajit     | Ullal    |   39 | 1983-03-11 | 560001  | 10, Janpath          |
| USR_022 | PSGR      | Srihari  | Udupa    |   42 | 1980-01-14 | 560015  | Suranjan Das Road    |
| USR_023 | PSGR      | Satish   | Kotian   |   41 | 1981-03-17 | 600044  | T Nagar              |
| USR_024 | PSGR      | Shradha  | Nayar    |   40 | 1982-05-24 | 560006  | M G Road, Bangalore  |
| USR_025 | PSGR      | Manisha  | Solanki  |   38 | 1983-10-18 | 575030  | M G Road             |
| USR_026 | PSGR      | Bharti   | Devgan   |   37 | 1984-10-28 | 560059  | NAL Wind Tunnel Road |
| USR_027 | PSGR      | Roopa    | Ram      |   36 | 1985-10-07 | 575023  | Bunder Road          |
| USR_028 | PSGR      | Pallavi  | Ram      |   35 | 1986-10-29 | 560044  | Lavelle Road         |
| USR_029 | PSGR      | Ravi     | Naik     |   34 | 1987-10-24 | 600045  | Thiru V ka Salai     |
| USR_030 | PSGR      | Virat    | Murthy   |   34 | 1988-07-09 | 575011  | Bejai New Road       |
| ADM_001 | ADMIN     | Narendra | Modi     |   32 | 1989-12-07 | 600047  | Old Jail Road        |
+---------+-----------+----------+----------+------+------------+---------+----------------------+
11 rows in set (0.00 sec)

mysql>
```

```
mysql> SELECT 'User_ID','User_Type','FName','Lname','Age','DOB','Pincode','Street' FROM user WHERE Fname LIKE('S%');
+---------+-----------+-------+-------+-----+-----+---------+--------+
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
+---------+-----------+-------+-------+-----+-----+---------+--------+
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
| User_ID | User_Type | FName | Lname | Age | DOB | Pincode | Street |
+---------+-----------+-------+-------+-----+-----+---------+--------+
9 rows in set (0.00 sec)

mysql>
```

```
mysql> SELECT * FROM compartment WHERE Train_No=62621 AND Type='I Class';
+--------------------+----------+----------+--------------+----------+
| compartment_number | type     | capacity | availability | train_no |
+--------------------+----------+----------+--------------+----------+
| F01                | I Class  |       16 |            6 |    62621 |
+--------------------+----------+----------+--------------+----------+
1 row in set (0.00 sec)

mysql>
```