# UE20CS301

# Database Management System

# Lab 4 – Task I Results

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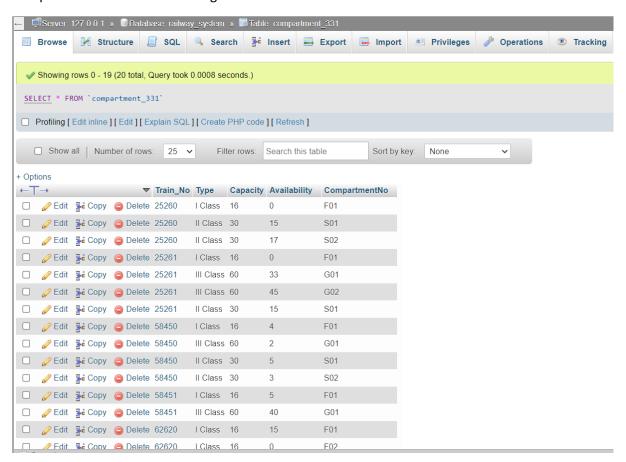
Roll No.: 13

#### 1. Insert Records

## i) Using Insert



## Compartment table after inserting -



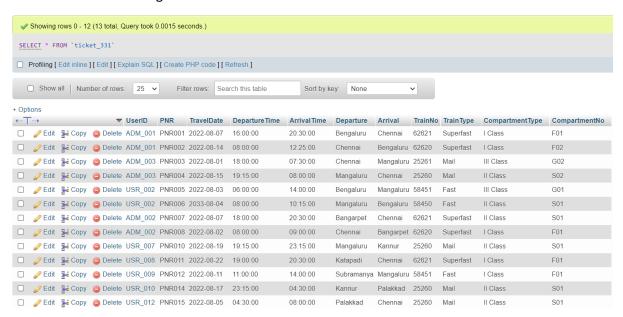
#### ii) Using Load data command

```
√ 13 rows inserted. (Query took 0 0068 seconds.)

LOAD DATA INFILE "Ticket.csv" INTO TABLE ticket_331 COLUMNS TERMINATED BY ',' OPTIONALLY ENCLOSED BY '"' ESCAPED BY '"' LINES TERMINATED BY '\n' IGNORE 1 LINES;

[Edit inline] [Edit] [Create PHP code]
```

#### Ticket Table after loading -



## 2. Calculate and update age attribute in User Table

```
MariaDB [railway_system]> update user_331 set age = TIMESTAMPDIFF(YEAR, DOB, curdate());
Query OK, 33 rows affected (0.010 sec)
Rows matched: 33 Changed: 33 Warnings: 0
MariaDB [railway_system]> select * from user_331;
 UserTD
                                            I DOB
          Age
                   Fname
                                 I Name
                                                           U_Type | Pincode | StreetNo
 ADM_001
                   Narendra
                                 Modi
                                              1989-04-14
                                                            ADMIN
                                                                       600047
                                                                                Old Jail Road
              33
 ADM_002
                   Droupadi
                                 Murmu
                                              1990-04-14
                                                            ADMTN
                                                                      640012
                                                                                High Street
                                                                                Pumpwell Road
 ADM_003
                   Manmohan
                                 Singh
                                              1991-04-08
                                                            ADMIN
                                                                       575003
 USR 001
                                              1971-01-01
                                                            PSGR
                                                                       560001
                     Aiit
                                 Ulla1
                                                                                10 Janpath
 USR_002
              21
                   Muhammed
                                 Ali
                                              2000-10-09
                                                            PSGR
                                                                      560003
                                                                                10 Downing
              25
                                              1996-12-12
                                                            PSGR
                                                                       600001
 USR_003
                   Sai Deepak
                                 Reddy
                                                                                14 Kailsh Marg
 USR 004
              25
                                              1996-12-13
                                                            PSGR
                                                                      600042
                   Rudra
                                 Agarwal
                                                                                5 Lohia Garden
 USR_005
                   Rahu1
                                 Khanna
                                              1997-12-14
                                                            PSGR
                                                                      600067
                                                                                1 Pink Street
 USR_006
                   Nirmala
                                 Seturaman
                                              1998-12-15
                                                            PSGR
                                                                       560105
                                                                                3 Blue Avenue
 USR 007
                                              1999-12-16
                   Smriti
                                                            PSGR
                                                                       575014
                                 Irani
                                                                                4 Banyan Avenie
 USR_008
              56
                   Ajit
                                 Sethi
                                              1966-04-14
                                                            PSGR
                                                                      575001
                                                                                6 Poes Garden
                                                            PSGR
 USR 009
                   Arjun
                                 Allu
                                              1967-04-08
                                                                       575020
                                                                                7 Dhamaka street
 USR 010
              54
                   Samanta
                                              1968-04-14
                                                            PSGR
                                                                      600042
                                                                                8 Clone Colony
                                 Prabhu
 USR_011
                   Kiran
                                 Bedi
                                              1969-04-14
                                                            PSGR
                                                                       560003
                                                                                56 Brigade Road
 USR_012
USR_013
                   Rahu1
                                 Gandhi
                                              1970-04-08
                                                            PSGR
                                                                       475001
                                                                                Mirza road
              51
                                              1971-04-14
                                                                       560009
                   Rashkit
                                 Shetty
                                                            PSGR
                                                                                JC Road
 USR_014
              50
                   Rishi
                                 Sunak
                                              1972-04-14
                                                            PSGR
                                                                       600034
                                                                                Anna Sali
 USR_015
USR 016
              49
                   Vedavalli
                                              1973-04-14
                                                            PSGR
                                                                       560054
                                 Srinath
                                                                                Church Street Bangalore
                                              1974-04-14
                                                                       600043
                                                                                American Street
              48
                   Subbu
                                 Saravana
                                                            PSGR
                                                                                Kasturba Road
 USR_017
              47
                                              1975-04-08
                                                            PSGR
                                                                       560048
                   Sheela
                                 Dixit
 USR 018
              46
                                              1976-04-14
                                                            PSGR
                                                                       560008
                                                                                New BEL Road
                   Margaret
                                 Alva.
```

# 3. Routes with distance btw 70 and 150

MariaDB [	railway_sys	tem]>	select * from	n route_331	where distance>=70 and distance<=150;
Train_No	o   FromNo	ToNo	FromName	ToName	Distance
25260	9   1	2	Mangaluru	Kannur	131
2526:	1 1	2	Chennai	Palakkad	130
5845	1 1	2	Bengaluru	Mysore	139
62620	9   1	2	Chennai	Sholingur	90
6262	1   1	2	Bengaluru	Bangarpet	71
62620	9   1	3	Chennai	Katpadi	129
2526	1   3	4	Kannur	Mangaluru	131
58450	9   3	4	Mysore	Bengaluru	139
6262	1   3	5	Katpadi	Chennai	130
25260	9   4	4	Palakkad	Chennai	130
62620	9   4	5	Bangarpet	Bengaluru	71
6262	1   4	5	Sholingur	Chennai	90
+	+	+	+	+	++
12 rows in	n set (0.00	5 sec)			

# 4. Chennai-Sholingur Route

# 6. Chennai – Bengaluru

## 7. Chennai after 8:00

## 8. Users born between 1980 and 1990

serID	Age	Fname	LName	DOB	U_Type	Pincode	StreetNo
ADM_001	33	Narendra	Modi	1989-04-14	ADMIN	600047	Old Jail Road
ADM_002	32	Droupadi	Murmu	1990-04-14	ADMIN	640012	High Street
USR_022	42	Srihari	Udupa	1980-04-14	PSGR	560015	Suranjan Das Road
USR_023	41	Satish	Kotian	1981-04-14	PSGR	600044	T Nagar
USR_024	40	Shradha	Nayar	1982-04-08	PSGR	560006	M G Road Bangalore
USR_025	39	Manisha	Solanki	1983-04-08	PSGR	575030	M G Road
USR_026	38	Bharti	Devgan	1984-04-14	PSGR	560059	NAL Wind Tunnel Road
USR_027	37	Roopa	Ram	1985-04-14	PSGR	575023	Bunder Road
USR_028	36	Pallavi	Ram	1986-04-08	PSGR	560044	Lavelle Road
USR_029	35	Ravi	Naik	1987-04-14	PSGR	600045	Thiru V ka Salai
USR_030	34	Virat	Murthy	1988-04-14	PSGR	575011	Bejai New Road

# 9. Users with names starting with S

UserID	Age	Fname	LName	DOB	U_Type	Pincode	StreetNo
USR 003	25	Sai Deepak	Reddy	1996-12-12	PSGR	600001	14 Kailsh Marg
USR 007	22	Smriti	Irani	1999-12-16	PSGR	575014	4 Banyan Avenie
USR 010	54	Samanta	Prabhu	1968-04-14	PSGR	600042	8 Clone Colony
USR 016	48	Subbu	Saravana	1974-04-14	PSGR	600043	American Street
USR 017	47	Sheela	Dixit	1975-04-08	PSGR	560048	Kasturba Road
USR_021	43	Suma	Sampat	1979-04-08	PSGR	560012	Old Airport Road Bangalore
USR_022	42	Srihari	Udupa	1980-04-14	PSGR	560015	Suranjan Das Road
USR 023	41	Satish	Kotian	1981-04-14	PSGR	600044	T Nagar
USR 024	40	Shradha	Nayar	1982-04-08	PSGR	560006	M G Road Bangalore

# 10. Availability

# 11. Union Bank