

DBMS LAB-10

NAME: NIKHIL RAJU MOHITE

SRN: PES1UG20CS667

SECTION: '5K'

1. Create train table and insert the data into the data base
Before insertion.

```
Command Prompt - mysql -u root
MariaDB [pes1ug20cs667_railway_reservation]> show tables;
+-----+
| Tables_in_pes1ug20cs667_railway_reservation |
+-----+
| train                                         |
+-----+
1 row in set (0.001 sec)

MariaDB [pes1ug20cs667_railway_reservation]> select * from train;
Empty set (0.000 sec)

MariaDB [pes1ug20cs667_railway_reservation]> _
```

After insertion

```
MariaDB [pes1ug20cs667_railway_reservation]> select * from train;
+-----+-----+-----+-----+-----+-----+
| train_no | train_name      | train_type | source   | destination | availability |
+-----+-----+-----+-----+-----+-----+
| 62621    | BEN-CHE Shatabdi | Superfast  | Bengaluru | Chennai     | yes         |
| 62620    | CHE-BEN Shatabdi | Fast       | Chennai  | Bengaluru   | no          |
| 25261    | Mangaluru Mail   | Mail       | Chennai  | Mangaluru   | yes         |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [pes1ug20cs667_railway_reservation]> _
```

User Interface for the insertion of the data.

The screenshot shows a web application titled "RAILWAY RESERVATION SYSTEM". On the left is a dark sidebar with a "Menu" section containing an "Add" button. The main content area is titled "Enter Train Details:" and contains a form with the following fields: "Train_No:" with value "62621", "Source:" with value "Bengaluru", "Name:" with value "BEN-CHE Shatabdi", "Destination:" with value "Chennai", "Train_Type:" with a dropdown menu showing "Superfast", and "Availability:" with value "yes". Below the form is an "Add Train" button. A green message box at the bottom states "Successfully added train: BEN-CHE Shatabdi".

2. User interface showing data stored in the train table.

The screenshot shows a web application titled "RAILWAY RESERVATION SYSTEM". Below the title is the heading "View Train Details:". A button labeled "View all Trains" is located above a table. The table displays the following data:

	TrainNumber	TrainName	TrainType	Source	Destination	Availability
0	62621	BEN-CHE Shatabdi	Superfast	Bengaluru	Chennai	yes
1	62620	CHE-BEN Shatabdi	Fast	Chennai	Bengaluru	No
2	25261	Mangaluru Mail	Mail	Chennai	Mangaluru	yes

3. Updating the 'availability' of train 62620 to 'yes'

Before

```
Command Prompt - mysql -u root
MariaDB [pes1ug20cs667_railway_reservation]> select * from train where train_no=62620;
+-----+-----+-----+-----+-----+-----+
| train_no | train_name      | train_type | source  | destination | availability |
+-----+-----+-----+-----+-----+-----+
| 62620   | CHE-BEN Shatabdi | Fast       | Chennai | Bengaluru   | no          |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.007 sec)

MariaDB [pes1ug20cs667_railway_reservation]>
```

RAILWAY RESERVATION SYSTEM

Update created Task:

Dealer to Edit

CHE-BEN Shatabdi

trainNumber:

62620

Source:

Chennai

trainName:

CHE-BEN Shatabdi

Destination:

Bengaluru

Fast

Fast

Availability:

yes

Update Train

Successfully updated:: CHE-BEN Shatabdi to ::CHE-BEN Shatabdi

After update

```
Command Prompt - mysql -u root
MariaDB [peslug20cs667_railway_reservation]> select * from train where train_no=62620;
+-----+-----+-----+-----+-----+-----+
| train_no | train_name      | train_type | source | destination | availability |
+-----+-----+-----+-----+-----+-----+
| 62620 | CHE-BEN Shatabdi | Fast      | Chennai | Bengaluru   | yes          |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [peslug20cs667_railway_reservation]>
```

4. Deleting the train with train_no 25261

RAILWAY RESERVATION SYSTEM

Delete created tasks

Current Data

	TrainNumber	TrainName	TrainType	Source	Destination	Availability
0	62621	BEN-CHE Shatabdi	Superfast	Bengaluru	Chennai	yes
1	62620	CHE-BEN Shatabdi	Fast	Chennai	Bengaluru	yes
2	25261	Mangaluru Mail	Mail	Chennai	Mangaluru	yes

Task to Delete

Mangaluru Mail

Do you want to delete ::Mangaluru Mail

Delete Train

Train has been deleted successfully

Updated data

	TrainNumber	TrainName	TrainType	Source	Destination	Availability
0	62621	BEN-CHE Shatabdi	Superfast	Bengaluru	Chennai	yes
1	62620	CHE-BEN Shatabdi	Fast	Chennai	Bengaluru	yes

Command Prompt - mysql -u root

MariaDB [peslug20cs667_railway_reservation]> select * from train;

train_no	train_name	train_type	source	destination	availability
62621	BEN-CHE Shatabdi	Superfast	Bengaluru	Chennai	yes
62620	CHE-BEN Shatabdi	Fast	Chennai	Bengaluru	yes
25261	Mangaluru Mail	Mail	Chennai	Mangaluru	yes

3 rows in set (0.000 sec)

After delete

Command Prompt - mysql -u root

MariaDB [peslug20cs667_railway_reservation]> select * from train;

train_no	train_name	train_type	source	destination	availability
62621	BEN-CHE Shatabdi	Superfast	Bengaluru	Chennai	yes
62620	CHE-BEN Shatabdi	Fast	Chennai	Bengaluru	yes

2 rows in set (0.000 sec)

MariaDB [peslug20cs667_railway_reservation]> _