DBMS LAB 10

Connecting Python Application to MySQL database

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Section: K

Roll No: 43

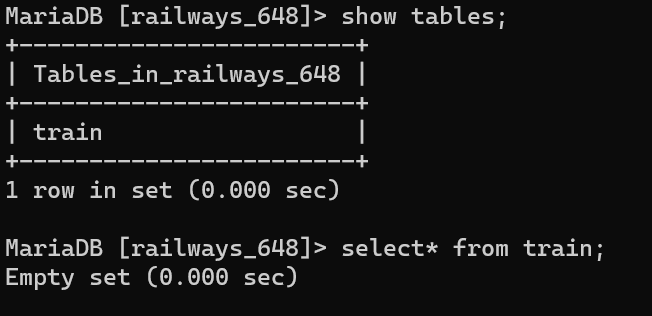
1. Execute a CRUD (Create, Read, Update and Delete) application in python using Streamlit and MySQL to create a table ‘train’ in the User Interface.

The ‘train’ table should be populated with the following 3 records using the User-Interface

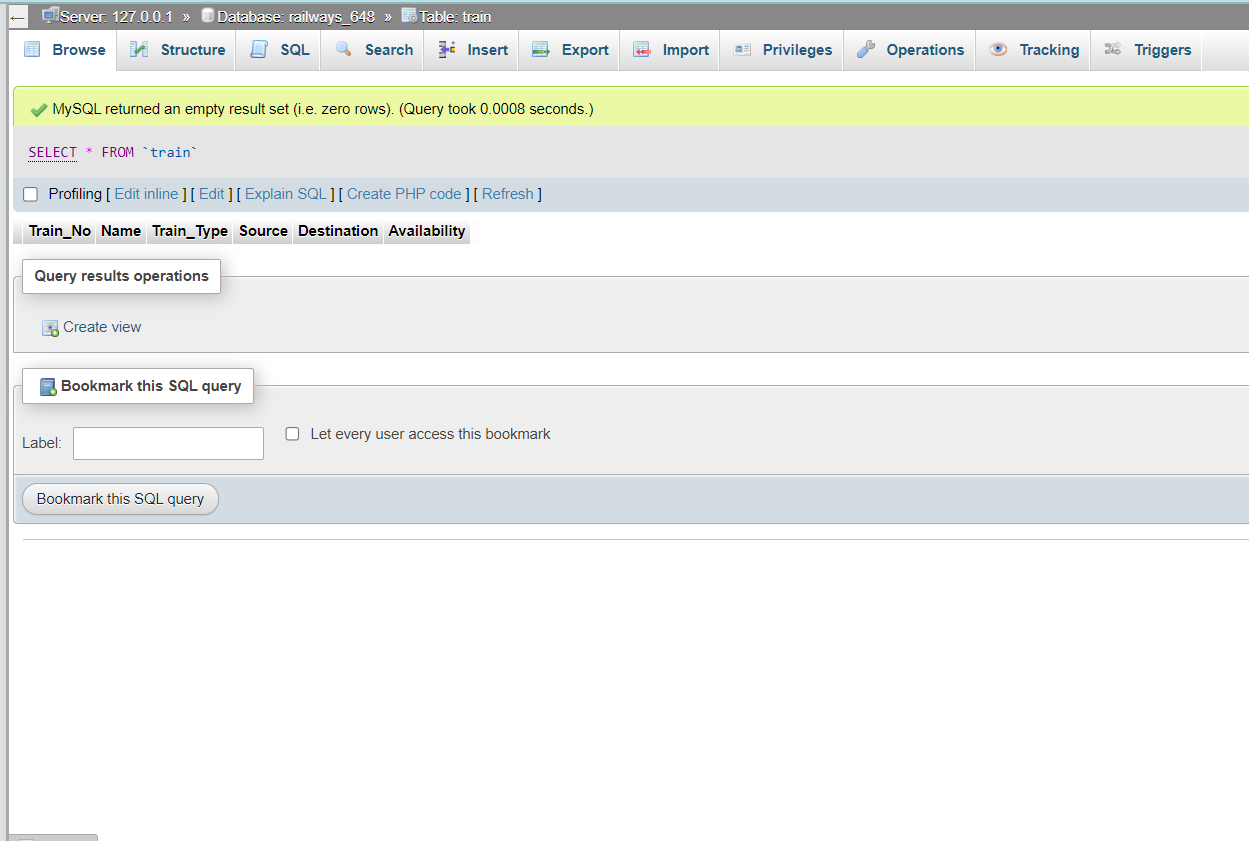
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Train\_No** | **Name** | **Train\_Type** | **Source** | **Destination** | **Availability** |
| 62621 | BEN-CHE Shatabdi | Superfast | Bengaluru | Chennai | yes |
| 62620 | CHE-BEN Shatabdi | Fast | Chennai | Bengaluru | No |
| 25261 | Managaluru Mail | Mail | Chennai | Mangaluru | Yes |

1. Screenshot of database with the table - ‘train’ before populating it.

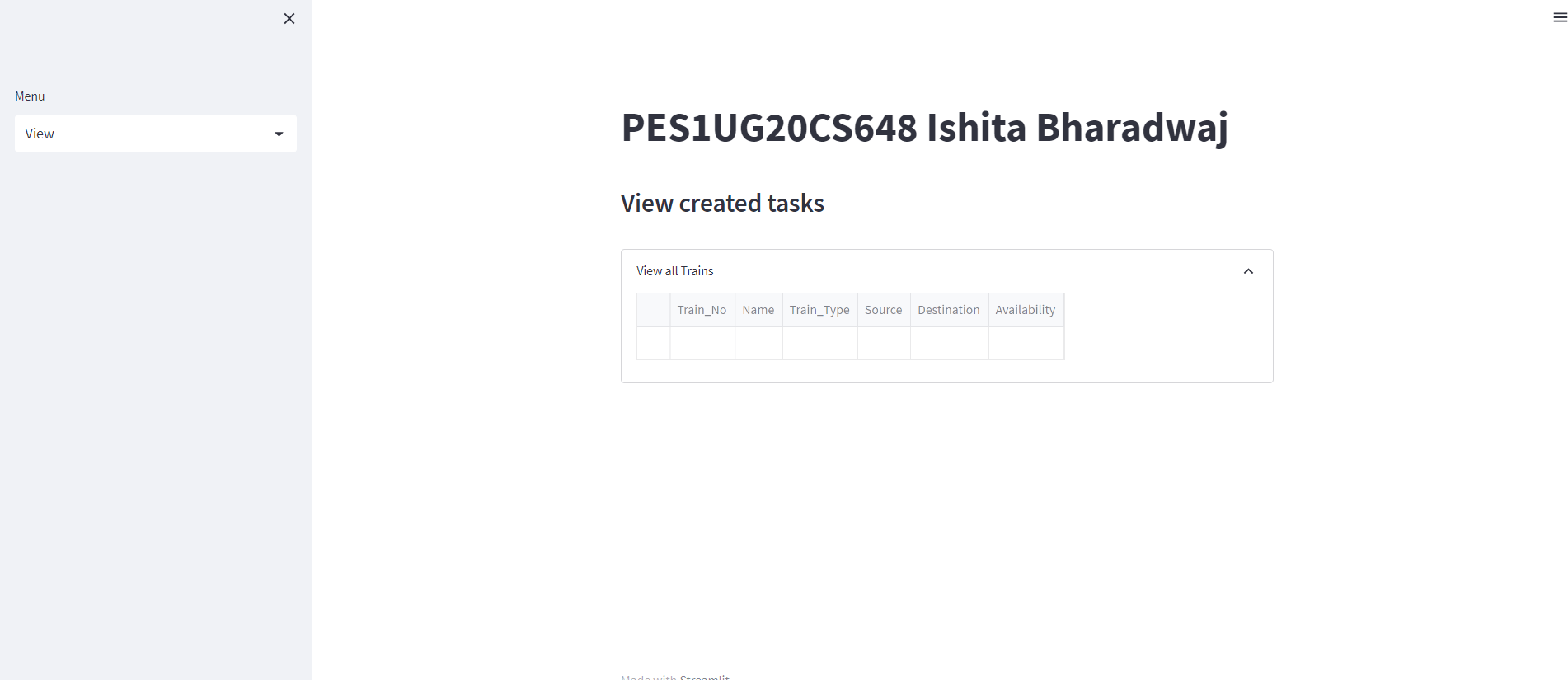
Command Prompt –



PhpMyadmin –

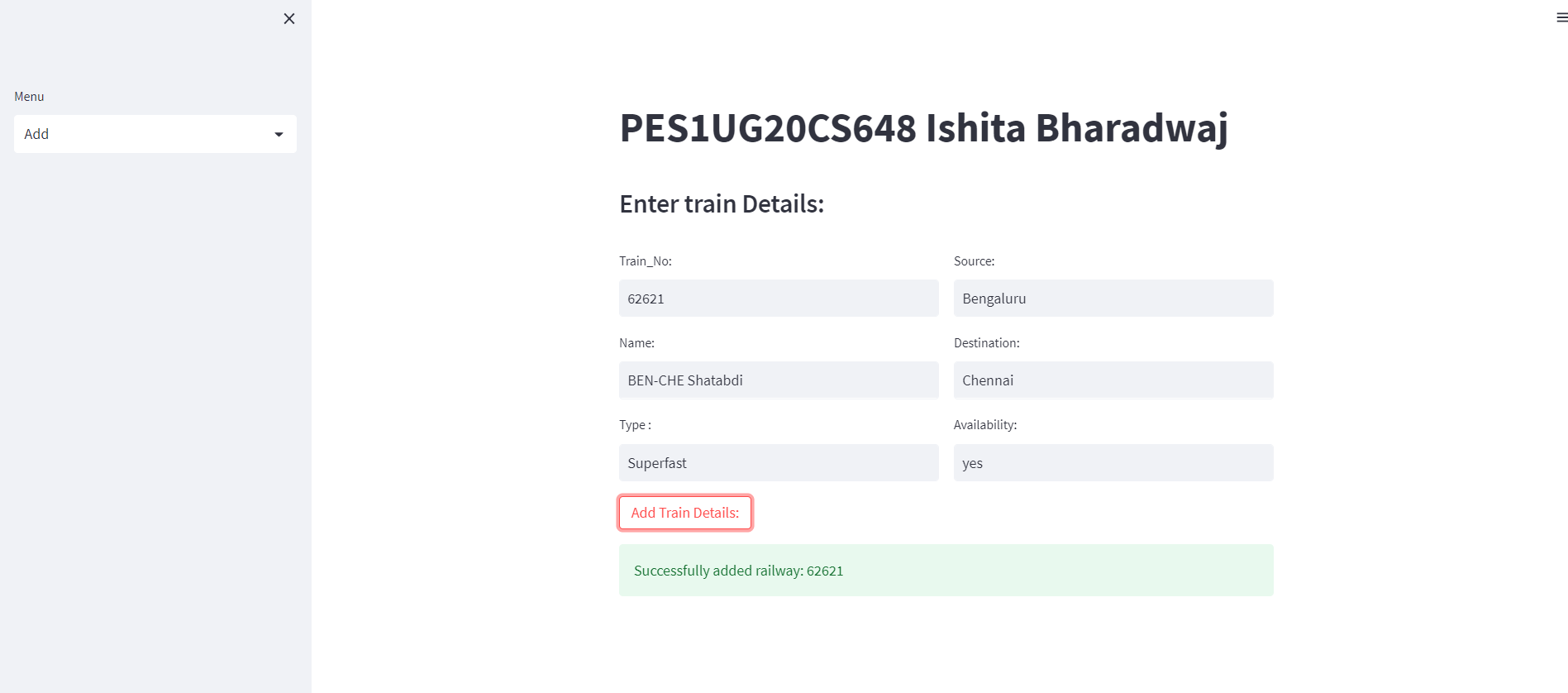


User Interface –

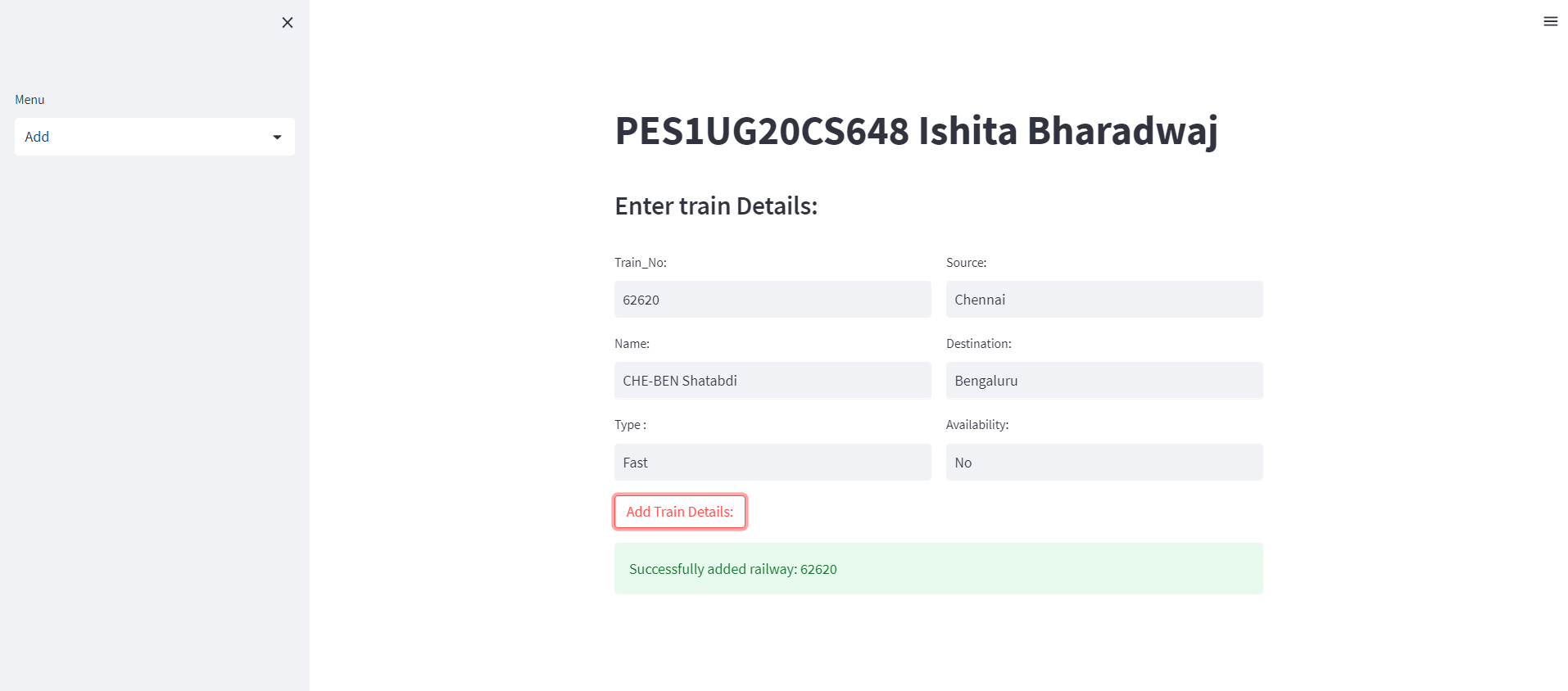


2) Read the details entered at real time in the User-Interface itself.

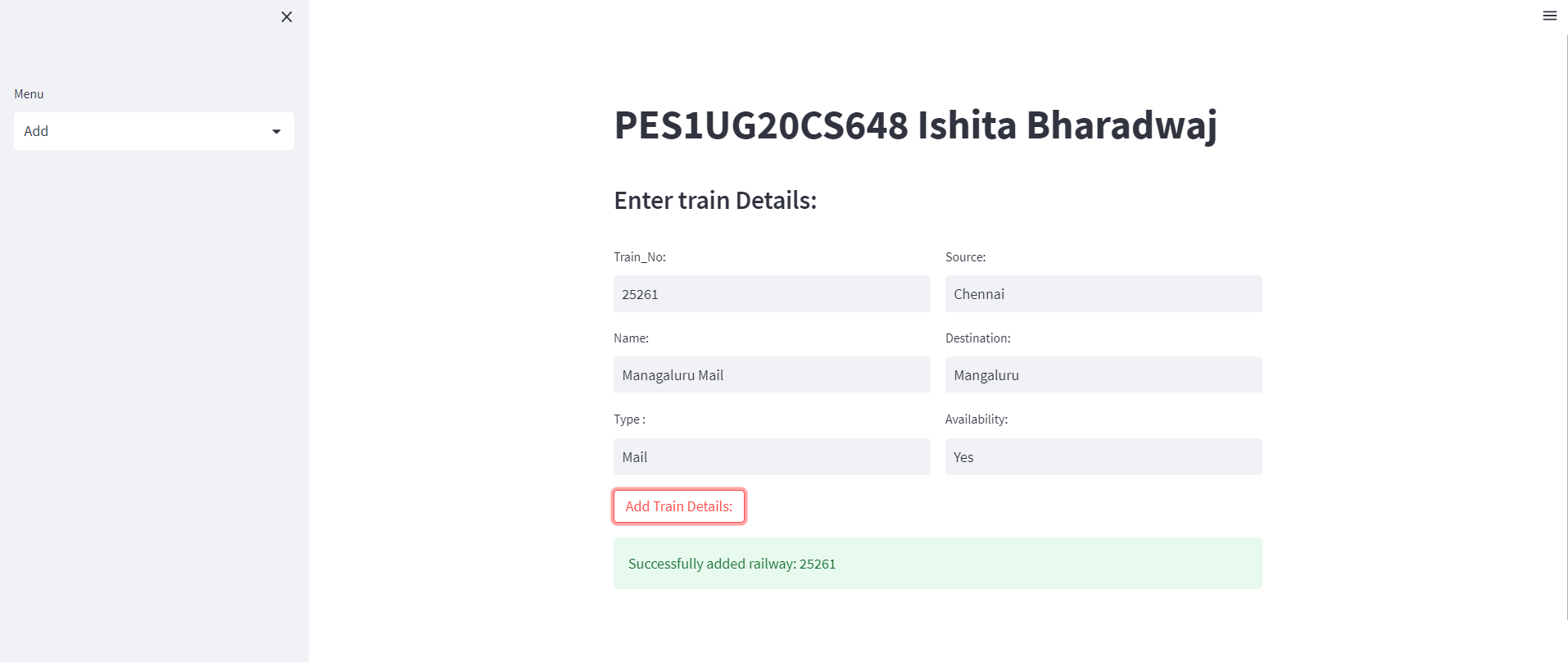
Inserting 1st row



Inserting 2nd row



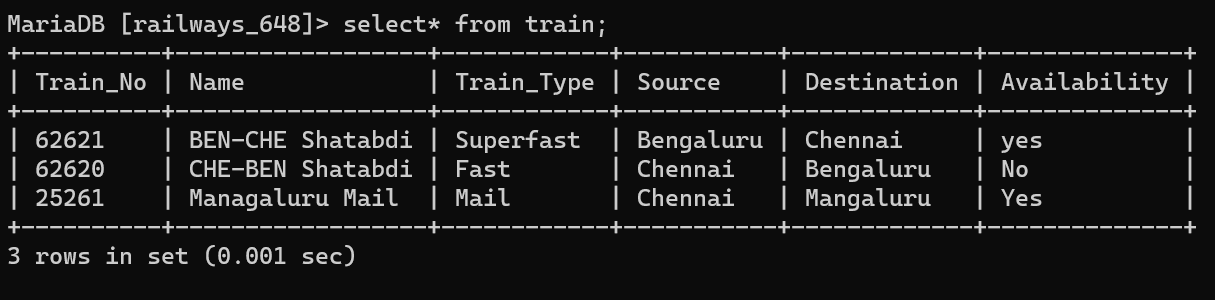
Inserting 3rd row –



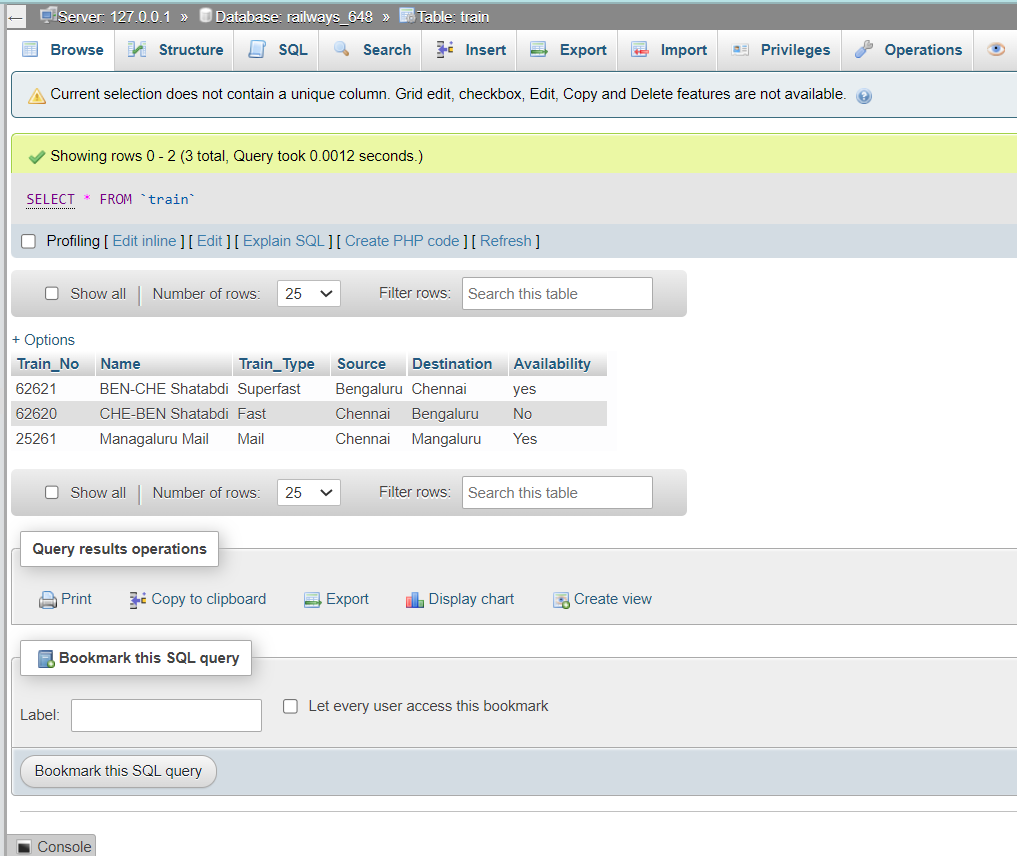
View on user Interface after populating train table–



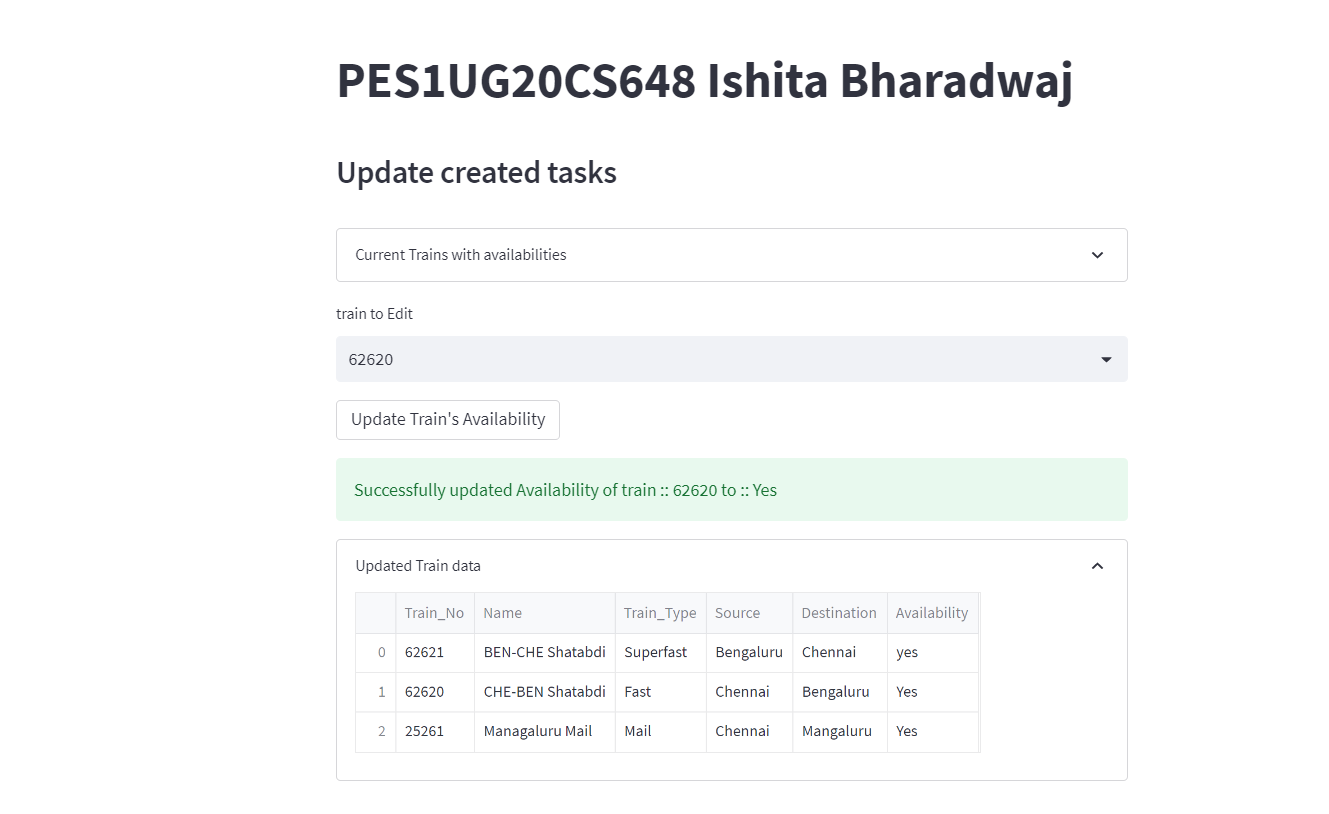
Command prompt –



PhpMyAdmin –

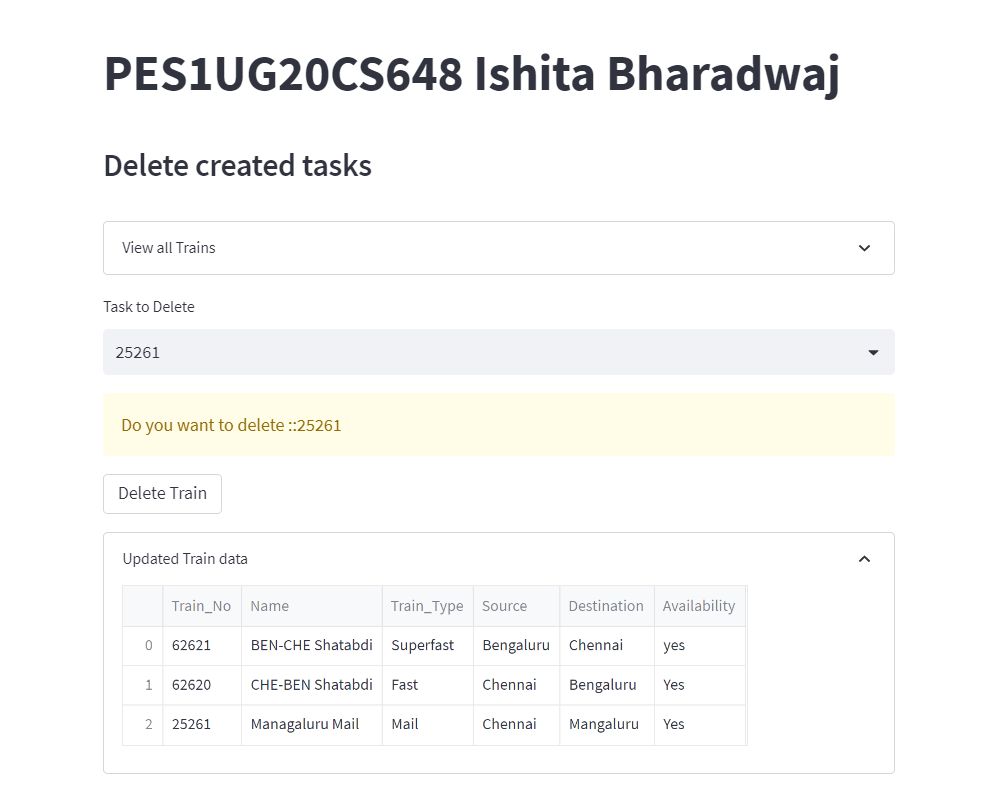


3. Update the ‘Availability’ of the Train\_No 62620 to ‘yes’ in the User-Interface.



4. Delete the Train\_No 25261 in the User-Interface.

Before deletion –



After deletion –

