

Software:

The cohort is using xampp 8.2.2 offline install software to use a database creation and administration tool. Xampp comes bundled with Maria database which is based on Mysql software stack. Also included in Xampp is phpmyadmin web based gui application to create tables using drag and drop.

Software Information:

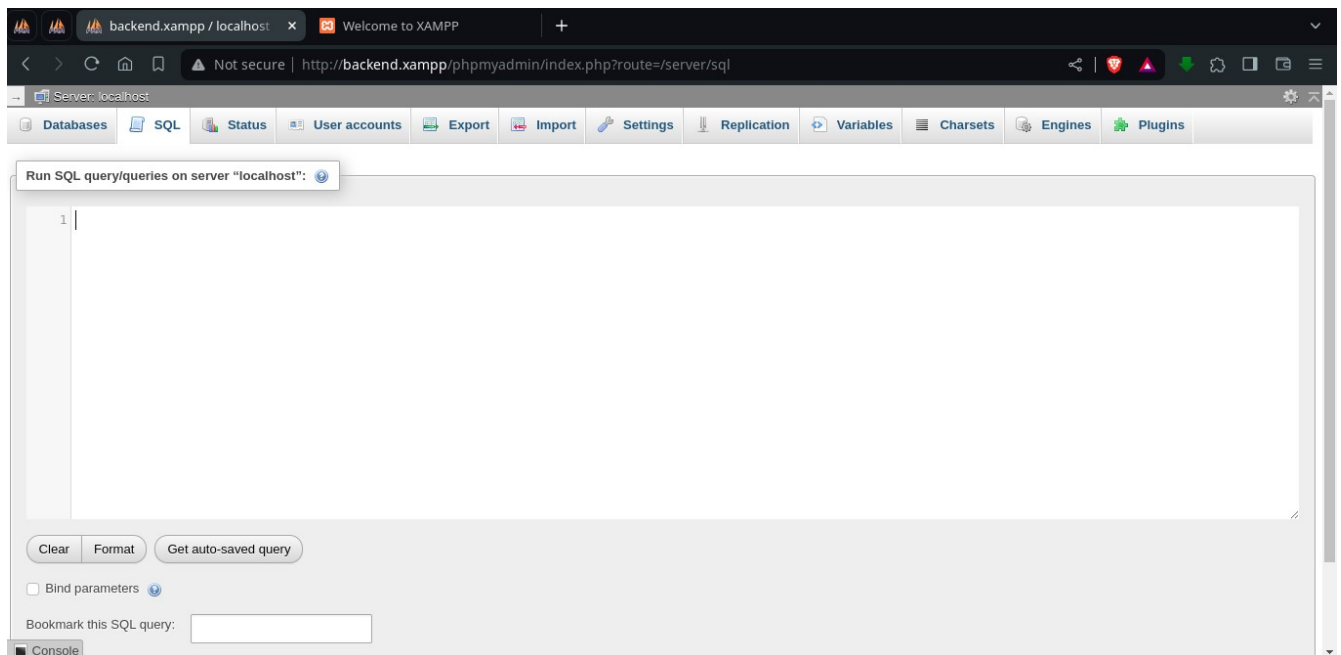
Website: ApacheFriends

URL: <https://apachefriends.org>

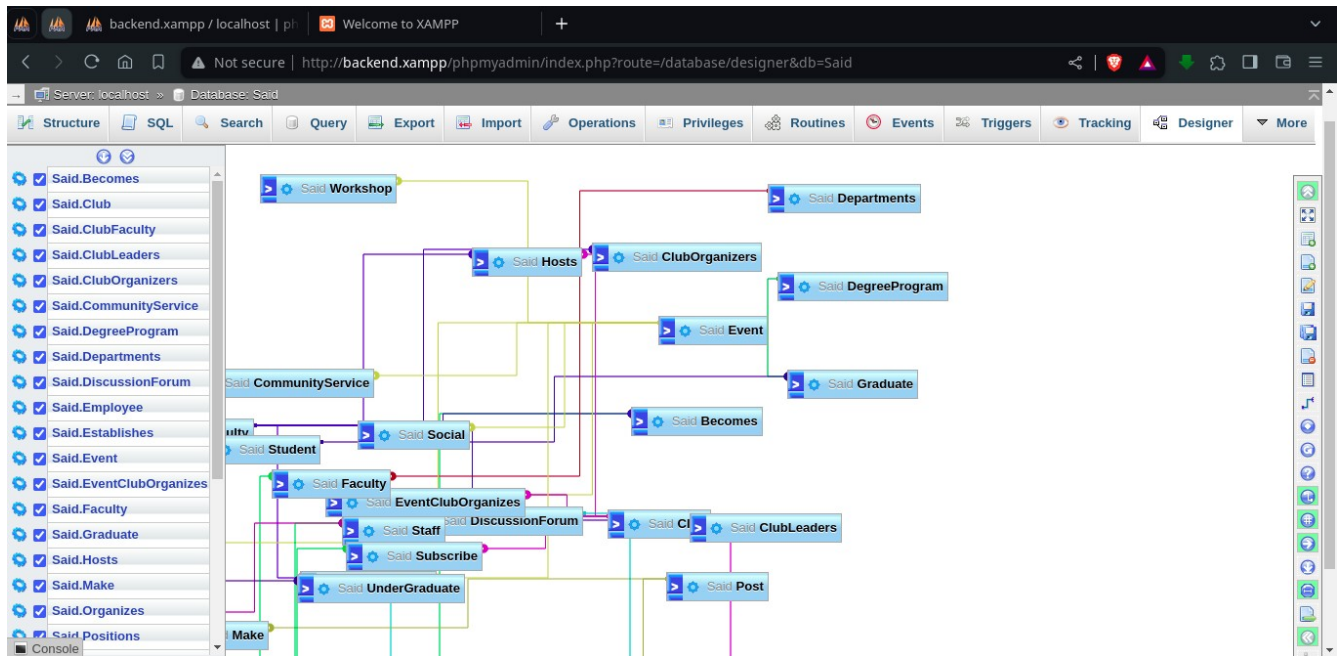
Date Accessed: April 02, 2024

Screenshot:

MAIN INTERFACE: WEB GUI



DESIGNER PANEL:



Create Table Command:

Structure
SQL
Search
Query
Export
Import
Operations
Privileges
Routines
Events
Triggers
Tracking
Designer
Central columns

Run SQL query/queries on database Said:

```

1 CREATE TABLE `Club_TEST` (
2   `ClubID` int(11) NOT NULL,
3   `Name` varchar(80) NOT NULL,
4   `Type` varchar(50) NOT NULL,
5   `FoundedDate` date NOT NULL DEFAULT current_timestamp()
6 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

```

Clear
Format
Get auto-saved query

☐ Bind parameters

Bookmark this SQL query:

Delimitter:
☐ Show this query here again
☐ Retain query box
☐ Rollback when finished
☒ Enable foreign key checks
Go

☐ Hide query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0010 seconds.)

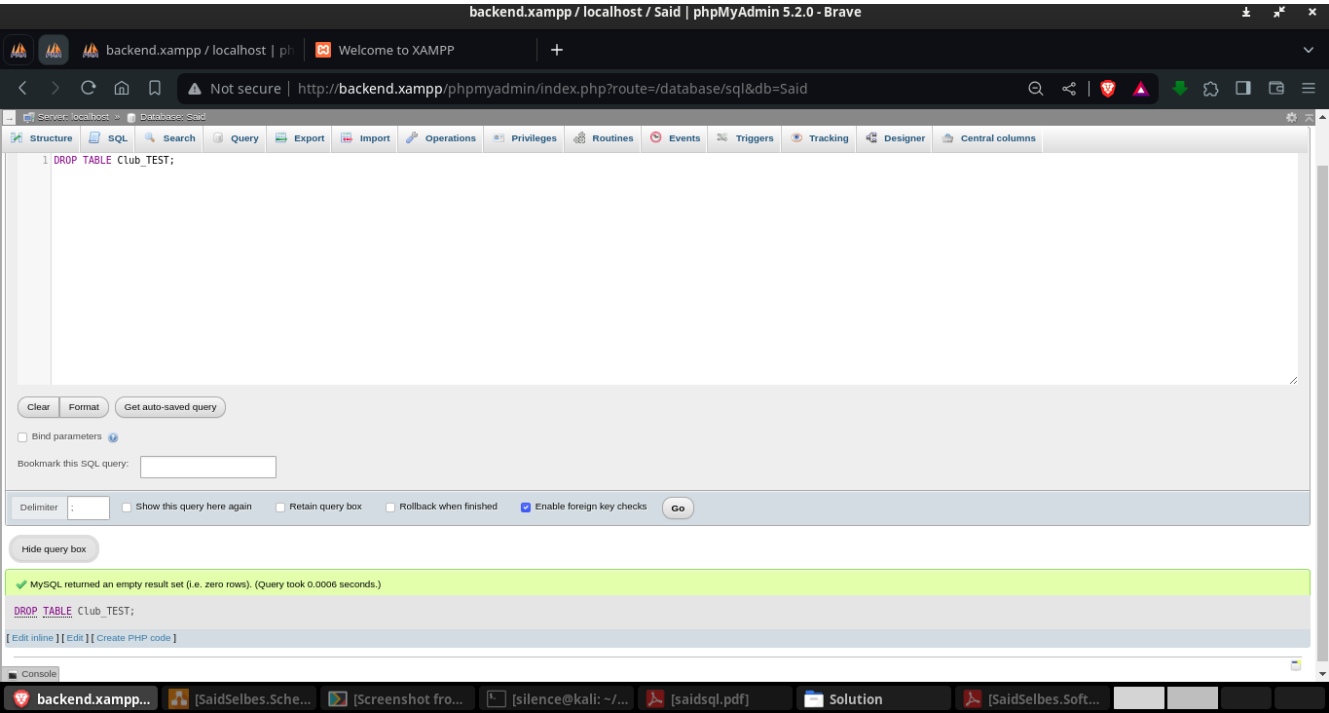
```

CREATE TABLE `Club_TEST` ( `ClubID` int(11) NOT NULL, `Name` varchar(80) NOT NULL, `Type` varchar(50) NOT NULL, `FoundedDate` date NOT NULL DEFAULT current_timestamp() ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

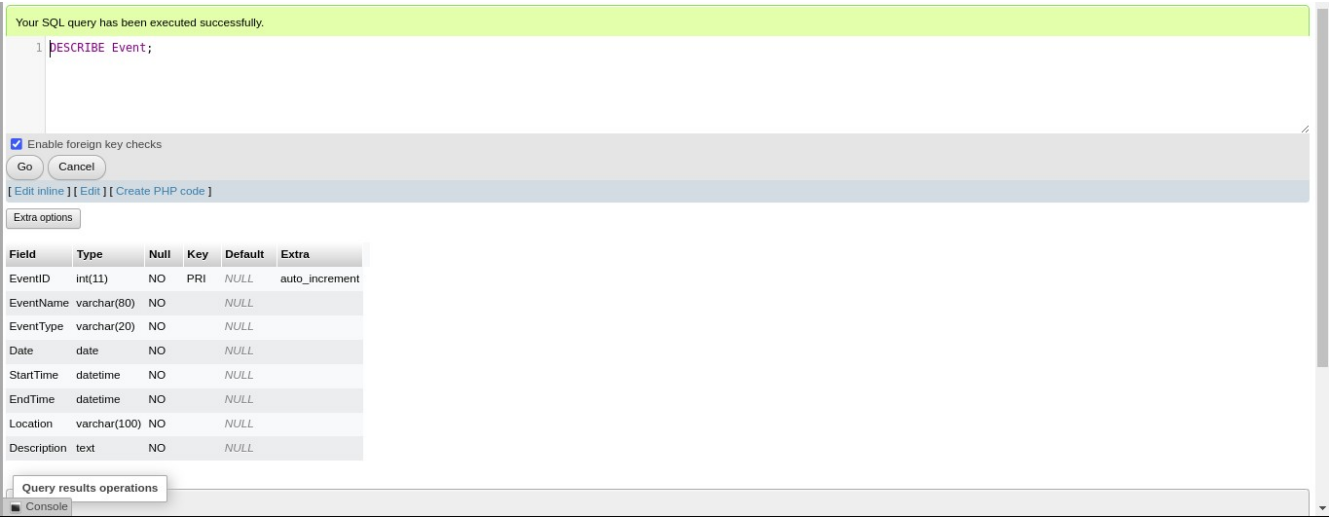
```

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

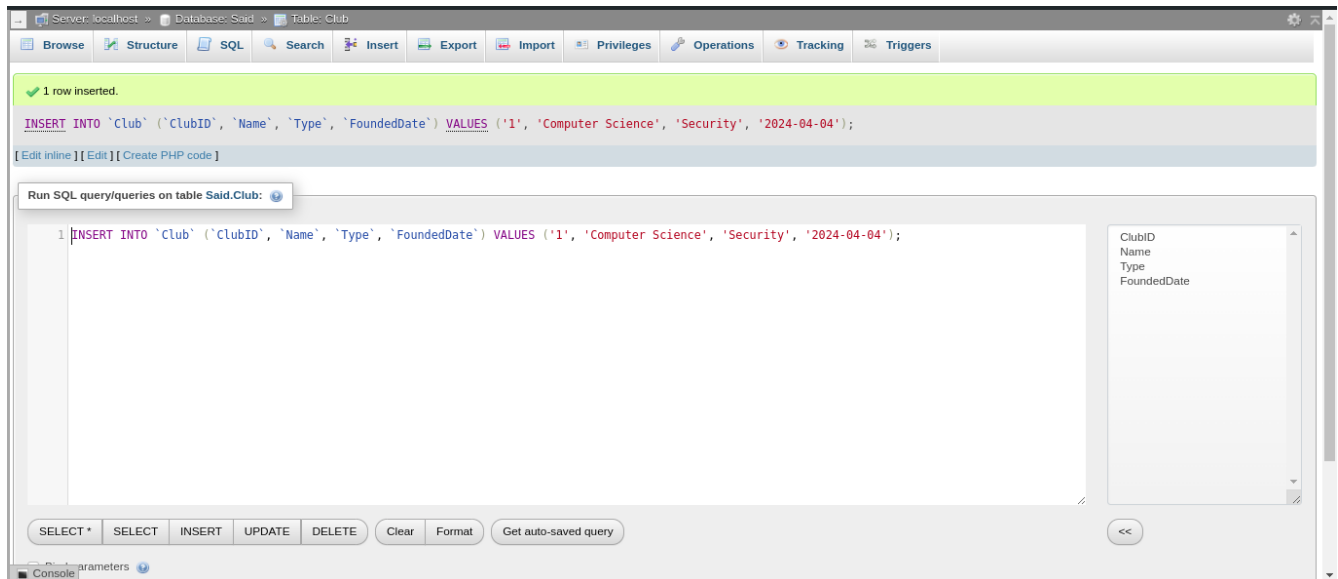
DROP TABLES:



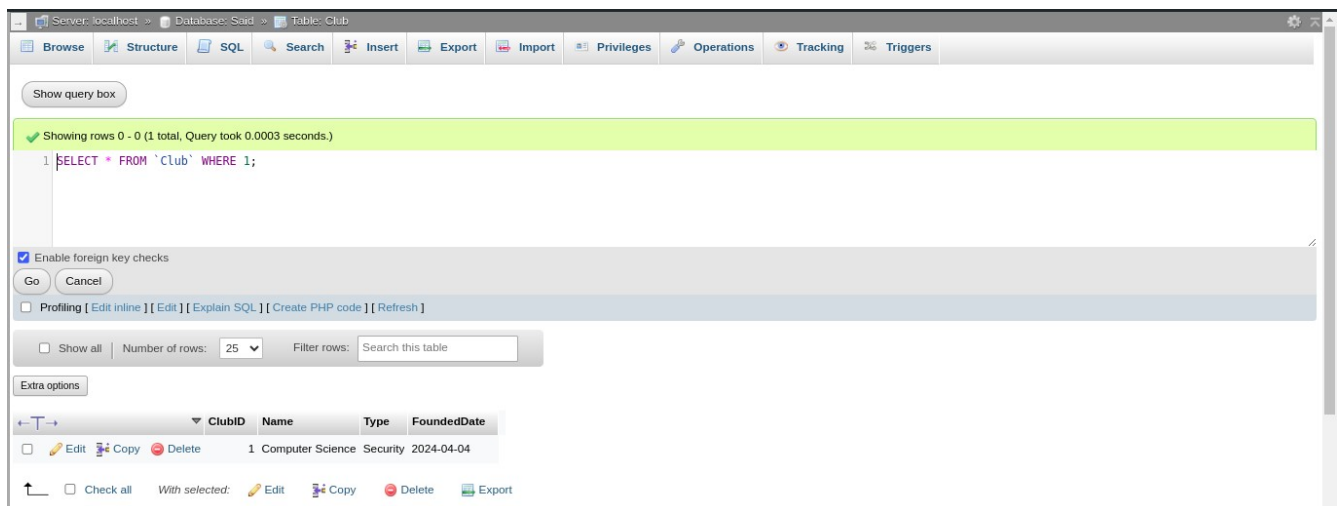
DESCRIBE TABLE:



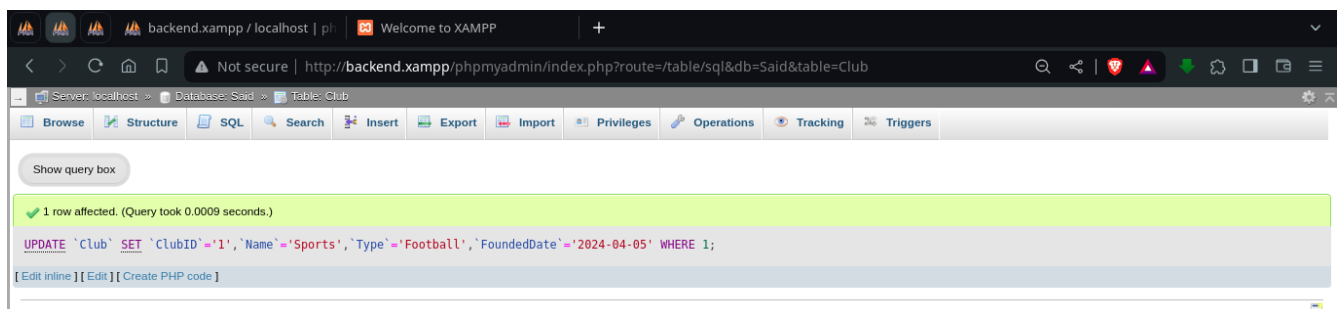
INSERT TUPLES:



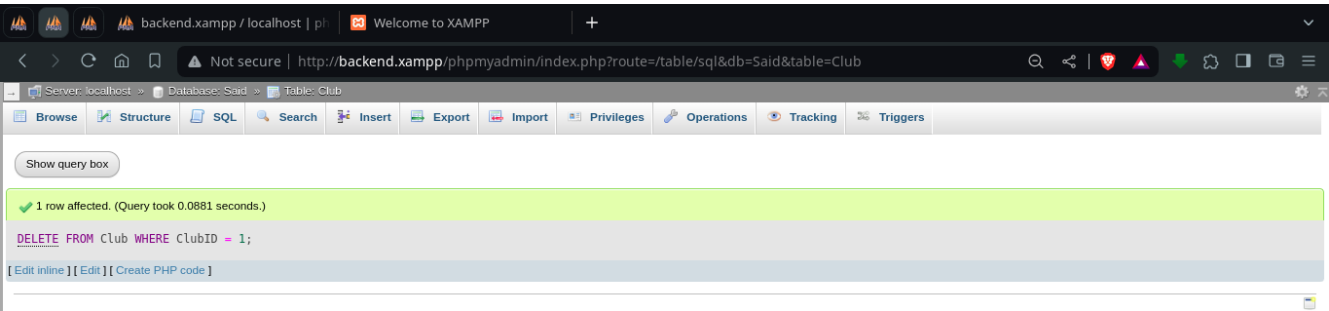
SELECT TUPLES:



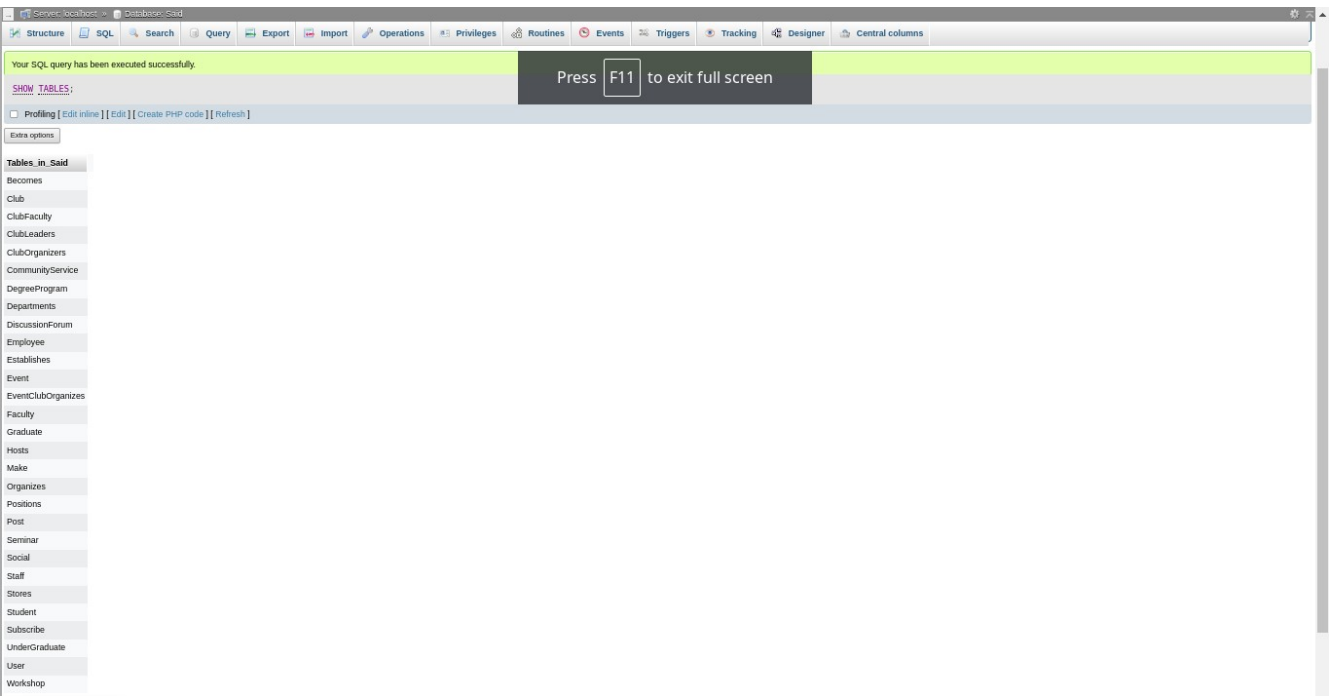
UPDATE TUPLE



DELETE TUPLES;



SHOW TABLES:



The cohort chose Xampp for the following reasons:

- **Easy Install:** Xampp offers an easy install of the software stack, it comes bundled with a web development stack that is easy to start implementing the project. It has Maria Sql database and phpmyadmin package that is installed in one go.
- **Cross-Platform Compatibility:** Xampp is available for Windows, macOS and Linux allowing users to work on a variety of operating systems without and significant change in configuration.
- **Easy to Learn to use:** Xampp has a lower learning curve, once you have installed you can start creating database schema on the go.
- **Access from the Network:** Xampp can be easily configured to be accessed through the network yet is locally hosted on a laptop. You can also make changes to the database schema while you are offline on the development machine.
- **Portability:** Xampp is portable, you can easily copy the database you are working on and transfer to another computer and work on it which is convenient if you want to collaborate with team members.