

TY B.Tech. (CSE) – II [2022-23]
5CS372 : Advanced Database System Lab.
Assignment No. 3

PRN: 2020BTECS00033

Name: Prathamesh Raje

**Title: Design and implement a web enabled (portal) student MIS
(Management Information System) for University Schema**

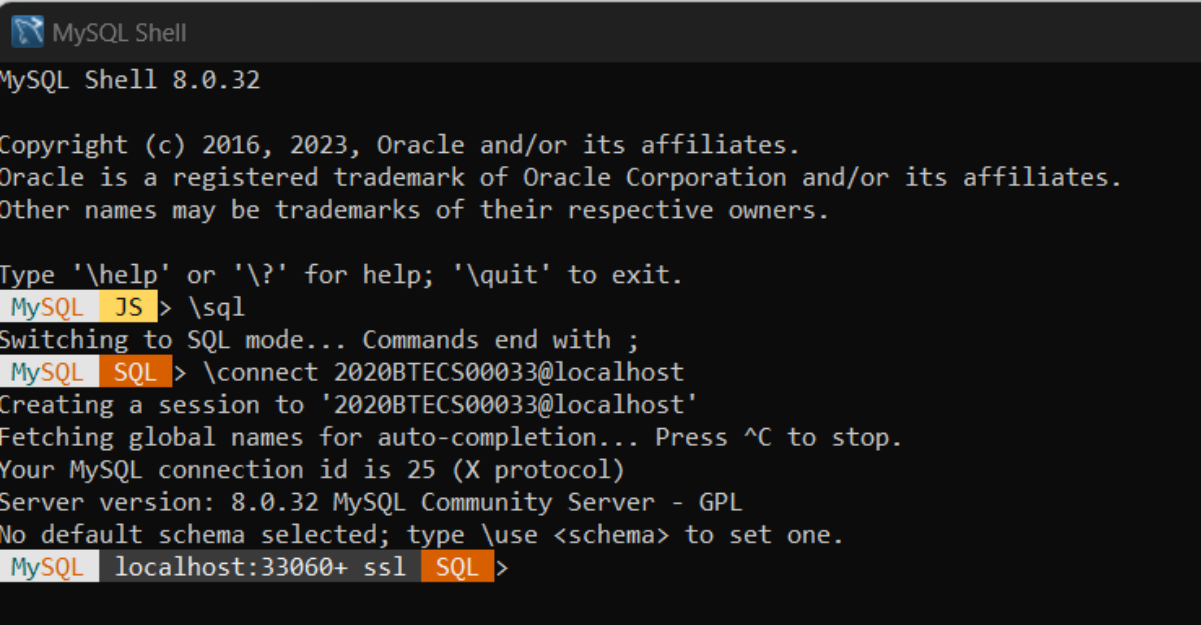
Technology Stack: ReactJS/ NodeJS/ MySQL

GitHub Link of Code:

<https://github.com/prathameshraje23/ADSL-Assignment-3.git>

Screenshots:

MySQL:

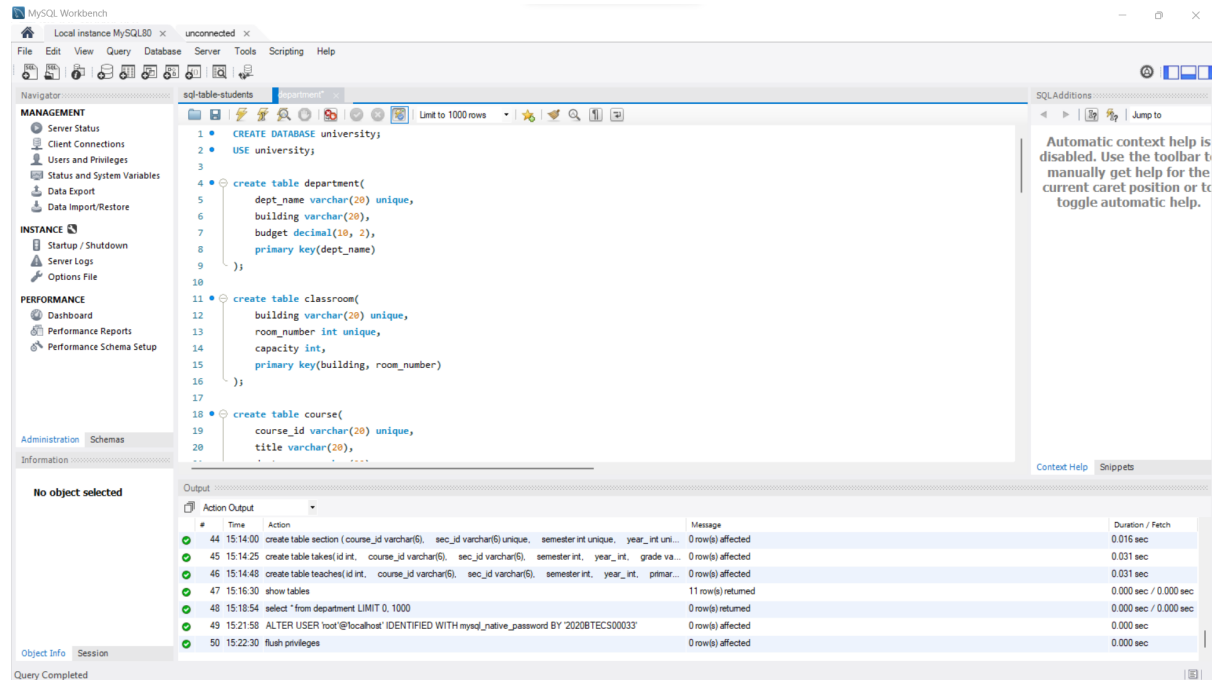
A screenshot of a MySQL Shell terminal window. The title bar says "MySQL Shell". The terminal text shows the version "MySQL Shell 8.0.32", copyright information for 2016 and 2023, and instructions to type '\help' or '\?' for help and '\quit' to exit. The user enters '\sql' to switch to SQL mode. Then, they enter '\connect 2020BTECS00033@localhost' to create a session. The terminal shows the connection ID as 25 and the server version as 8.0.32 MySQL Community Server - GPL. It also indicates that no default schema is selected and suggests using '\use <schema>' to set one. The prompt ends with 'localhost:33060+ ssl SQL >'.

```
MySQL Shell 8.0.32

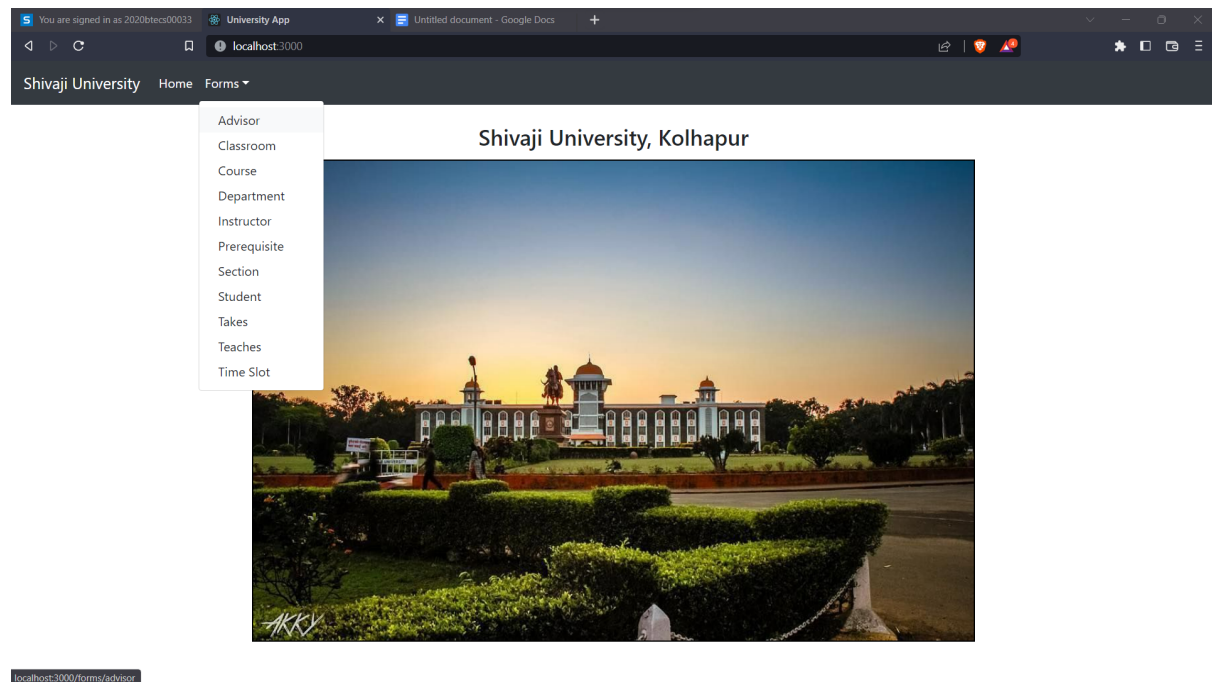
Copyright (c) 2016, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates.
Other names may be trademarks of their respective owners.

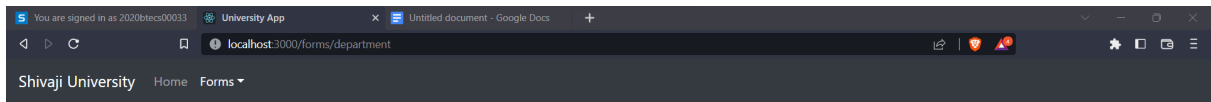
Type '\help' or '\?' for help; '\quit' to exit.
MySQL JS > \sql
Switching to SQL mode... Commands end with ;
MySQL SQL > \connect 2020BTECS00033@localhost
Creating a session to '2020BTECS00033@localhost'
Fetching global names for auto-completion... Press ^C to stop.
Your MySQL connection id is 25 (X protocol)
Server version: 8.0.32 MySQL Community Server - GPL
No default schema selected; type \use <schema> to set one.
MySQL localhost:33060+ ssl SQL >
```

MySQL WorkBench



UI:

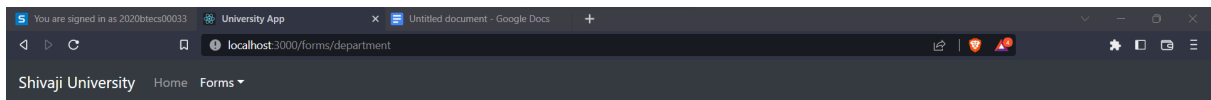




Departments

+ Create

No data found!



Create Department

Department Name

CSE

Building

A

Budget

70000

Submit

Shivaji University Home Forms

Departments

+ Create

Sr. No.	Department Name	Building	Budget	Actions	
1	CSE	A	70000	<button>Update</button>	<button>Delete</button>

The screenshot shows a web browser window. The address bar displays 'localhost:3000/forms/course'. The page header features the text 'Shivaji University' followed by navigation links 'Home' and 'Forms'. The 'Forms' link is currently selected, indicated by a dropdown arrow. The browser's tab bar shows 'University App' and 'Untitled document - Google Docs'.

Create Course

Course ID

Title

Department

Credits

Submit

Courses

+ Create

Sr. No.	Course ID	Title	Department	Credits	Actions
1	4	ADS	CSE	3	<div><div>Update</div><div>Delete</div></div>

Similarly, other features.