



National University
Of Computer and Emerging Sciences

LAB #06

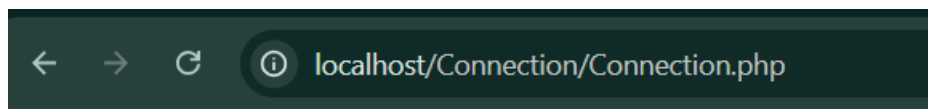
Name – Muhammad Taha

Roll NO – 23P-0559

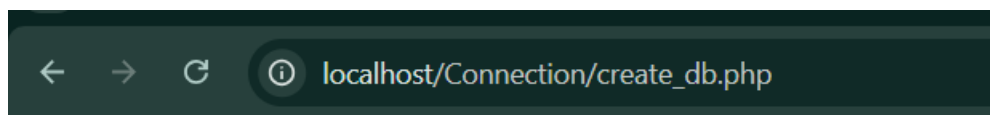
SECTION – BCS(4A)

Subject – Database Systems LABS

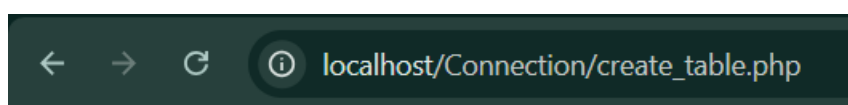
1. Create Database & Table



Connected Successfully



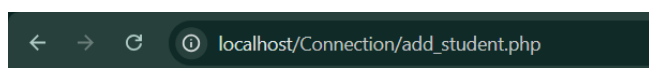
Connected Successfully Database created successfully or already exists.



Connected Successfully Table 'Students' created successfully!

The connection between the local host and XAMPP has been successfully established. The database has been created, and a table has also been set up within it, ensuring correct execution.

2. Create a Student (INSERT)



Add New Student

Name:	<input type="text" value="Mubeen"/>
Email:	<input type="text" value="mubeen@gmail.com"/>
Phone:	<input type="text" value="7890"/>
DOB:	<input type="text" value="01/05/2024"/>
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Other
Address:	<input type="text" value="xyz"/>
Department:	<input type="text" value="se"/>
CGPA:	<input type="text" value="1"/>
Enrollment Date:	<input type="text" value="04/03/2025"/>
<input type="button" value="Add Student"/>	

[View Students](#)

3. Read Students (SELECT)

localhost/Connection/view_students.php

Students List

Search: Filter by Department:

All Departments

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
1	Muhammad Taha	p230559@pwr.nu.edu.pk	03171285660	2004-06-23	Male	house	cs	3.00	2025-02-25	Edit Delete
3	Mubeen	mubeen@gmail.com	7890	2024-05-01	Male	xyz	se	1.00	2025-03-04	Edit Delete

[Add New Student](#)

4. Update Student Details (UPDATE)

localhost/Connection/edit_student.php?id=3

Edit Student

Name:

Email:

Phone:

[Back](#)

5. Delete a Student (DELETE) BEFORE

localhost/Connection/view_students.php

localhost says

Are you sure you want to delete Mubeen Haider?

OK

Cancel

Students List

Search: Filter by Department:

All Departments

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
1	Muhammad Taha	p230559@pwr.nu.edu.pk	03171285660	2004-06-23	Male	house	cs	3.00	2025-02-25	Edit Delete
3	Mubeen Haider	mubeen@gmail.com	7890	2024-05-01	Male	xyz	se	1.00	2025-03-04	Edit Delete

[Add New Student](#)

AFTER:

localhost/Connection/view_students.php

Students List

Search: Filter by Department:

All Departments

Search

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
1	Muhammad Taha	p230559@pwr.nu.edu.pk	03171285660	2004-06-23	Male	house	cs	3.00	2025-02-25	Edit Delete

[Add New Student](#)

6. Search Students

localhost/Connection/view_students.php?search=Mubeen&department=

Students List

Search: Filter by Department:

All Departments

Search

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
3	Mubeen Haider	mubeen@gmail.com	7890	2024-05-01	Male	xyz	se	1.00	2025-03-04	Edit Delete

[Add New Student](#)

7. Filter Students by Department
BEFORE:

localhost/Connection/view_students.php

Students List

Search: Filter by Department:

All Departments

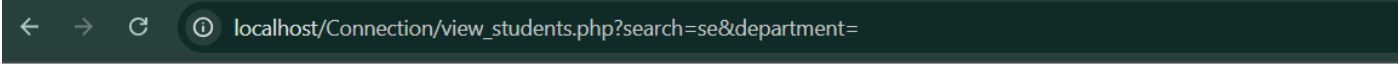
Search

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
1	Muhammad Taha	p230559@pwr.nu.edu.pk	03171285660	2004-06-23	Male	house	cs	3.00	2025-02-25	Edit Delete
4	Mubeen	mubeen@gmail.com	7890	2024-09-11	Male	xyz	cs	4.00	2024-09-10	Edit Delete
5	saim	saim@gmail.com	4567890	2024-11-06	Male	xyz	se	3.00	2025-02-23	Edit Delete

[Add New Student](#)

After Filtering



Students List

Search: Filter by Department:

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
5	saim	saim@gmail.com	4567890	2024-11-06	Male	xyz	se	3.00	2025-02-23	Edit Delete

[Add New Student](#)

8. Sort Students (by Name)



Students List

Search: Filter by Department:

Sort by: [Name](#) | [CGPA](#) | [Enrollment Date](#)

ID	Name	Email	Phone	DOB	Gender	Address	Department	CGPA	Enrollment Date	Actions
3	Mubeen Haider	mubeen@gmail.com	7890	2024-05-01	Male	xyz	se	1.00	2025-03-04	Edit Delete
1	Muhammad Taha	p230559@pwr.nu.edu.pk	03171285660	2004-06-23	Male	house	cs	3.00	2025-02-25	Edit Delete

[Add New Student](#)

9. Validate Input Data

Email:

localhost/Connection/add_student.php

Add New Student

Name:

Email:

! Please include an '@' in the email address. 'saim' is missing an '@'.

Gender: ☒ Male ☐ Female ☐ Other

Address:

Department:

CGPA:

Enrollment Date:

[View Students](#)

CGPA:

localhost/Connection/add_student.php

Add New Student

Name:

Email:

Phone:

DOB:

Gender: ☒ Male ☐ Female ☐ Other

Address:

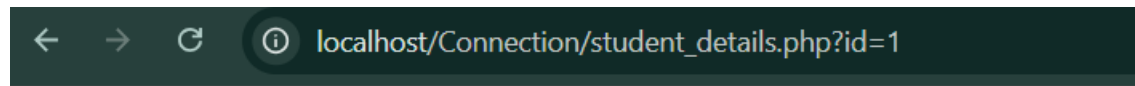
Department:

CGPA:

! Value must be less than or equal to 4.

[View Students](#)

10. Display Student Details



Student Details

Id:	1
Name:	Muhammad Taha
Email:	p230559@pwr.nu.edu.pk
Phone:	03171285660
Dob:	2004-06-23
Gender:	Male
Address:	house
Department:	cs
Cgpa:	3.00
Enrollment date:	2025-02-25

[Back](#)