

NAME: SAKSHI P DESAI
USN: 21BTRCL088

SECTION: AIML-B
DATE: 23-06-24

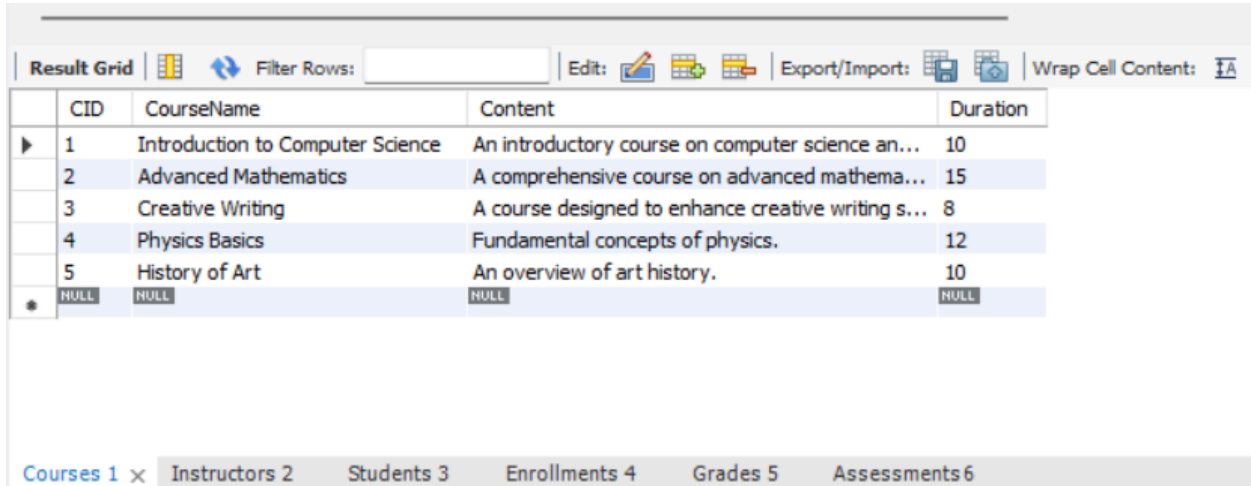
PROJECT - 3

- Already attached Python files and SQL database file.
- Providing screenshots for the project work.

SCREENSHOTS:

- Table Values:

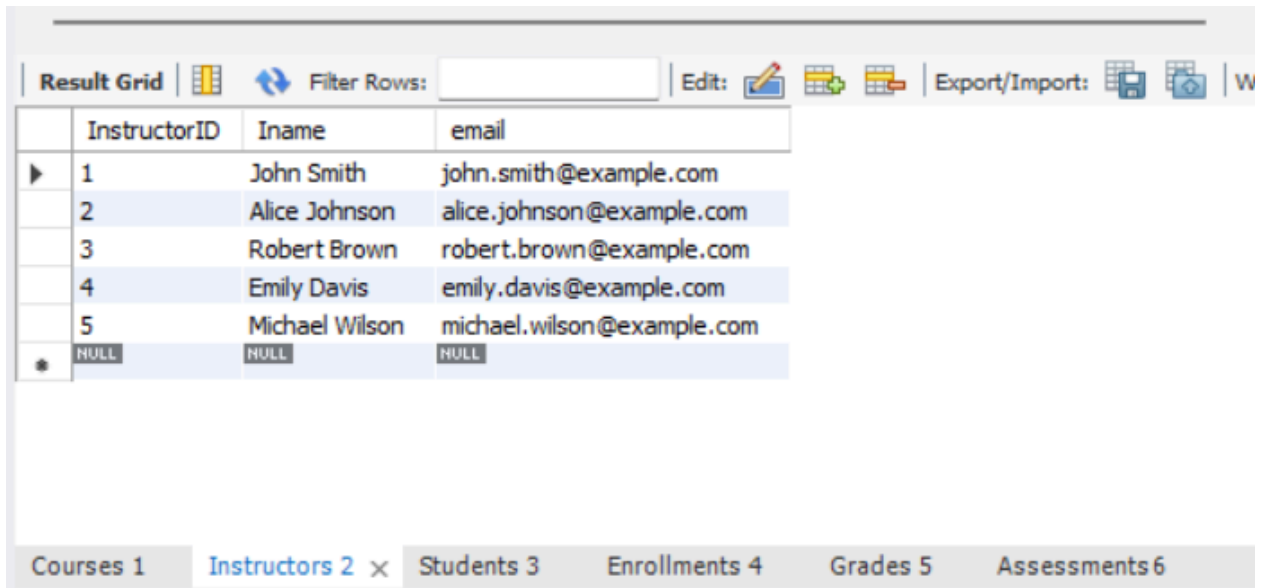
1. Courses:



	CID	CourseName	Content	Duration
▶	1	Introduction to Computer Science	An introductory course on computer science an...	10
	2	Advanced Mathematics	A comprehensive course on advanced mathema...	15
	3	Creative Writing	A course designed to enhance creative writing s...	8
	4	Physics Basics	Fundamental concepts of physics.	12
	5	History of Art	An overview of art history.	10
*	NULL	NULL	NULL	NULL

Courses 1 × Instructors 2 Students 3 Enrollments 4 Grades 5 Assessments 6

2. Instructors:








	InstructorID	Iname	email
▶	1	John Smith	john.smith@example.com
	2	Alice Johnson	alice.johnson@example.com
	3	Robert Brown	robert.brown@example.com
	4	Emily Davis	emily.davis@example.com
	5	Michael Wilson	michael.wilson@example.com
*	NULL	NULL	NULL

Courses 1 Instructors 2 × Students 3 Enrollments 4 Grades 5 Assessments 6

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3. Students:

Result Grid			
Filter Rows: <input type="text"/>			
Edit:   			
Export/Import:  			
	SID	StudentName	email
▶	1	Emma Thompson	emma.thompson@example.com
	2	Liam Harris	liam.harris@example.com
	3	Olivia Martinez	olivia.martinez@example.com
	4	Noah Clark	noah.clark@example.com
	5	Ava Lewis	ava.lewis@example.com
✱	NULL	NULL	NULL

Courses 1 Instructors 2 **Students 3** × Enrollments 4 Grades 5 Assessments 6

4. Enrollments:

Result Grid				
Filter Rows: <input type="text"/>				
Edit:   				
Export/Import:  				
	EID	SID	CID	EDate
▶	1	1	1	2024-01-10
	2	2	2	2024-01-11
	3	3	3	2024-01-12
	4	4	4	2024-01-13
	5	5	5	2024-01-14
✱	NULL	NULL	NULL	NULL


Courses 1 Instructors 2 Students 3 **Enrollments 4** × Grades 5 Assessments 6


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5. Grades:

Result Grid



 Filter Rows:

Edit:   

Export/Import:  

Wr

	GID	AID	SID	Grade
▶	1	1	1	85.50
	2	2	2	90.00
	3	3	3	88.75
	4	4	4	92.00
	5	5	5	87.25
✱	NULL	NULL	NULL	NULL

Courses 1

Instructors 2

Students 3

Enrollments 4

Grades 5 ✕

Assessments 6

6. Assessments:

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap

	AID	CID	AName	DueDate
▶	1	1	Midterm Exam	2024-03-01
	2	2	Final Project	2024-03-15
	3	3	Essay	2024-02-20
	4	4	Lab Report	2024-03-05
	5	5	Presentation	2024-02-25
*	NULL	NULL	NULL	NULL

Courses 1

Instructors 2

Students 3

Enrollments 4

Grades 5

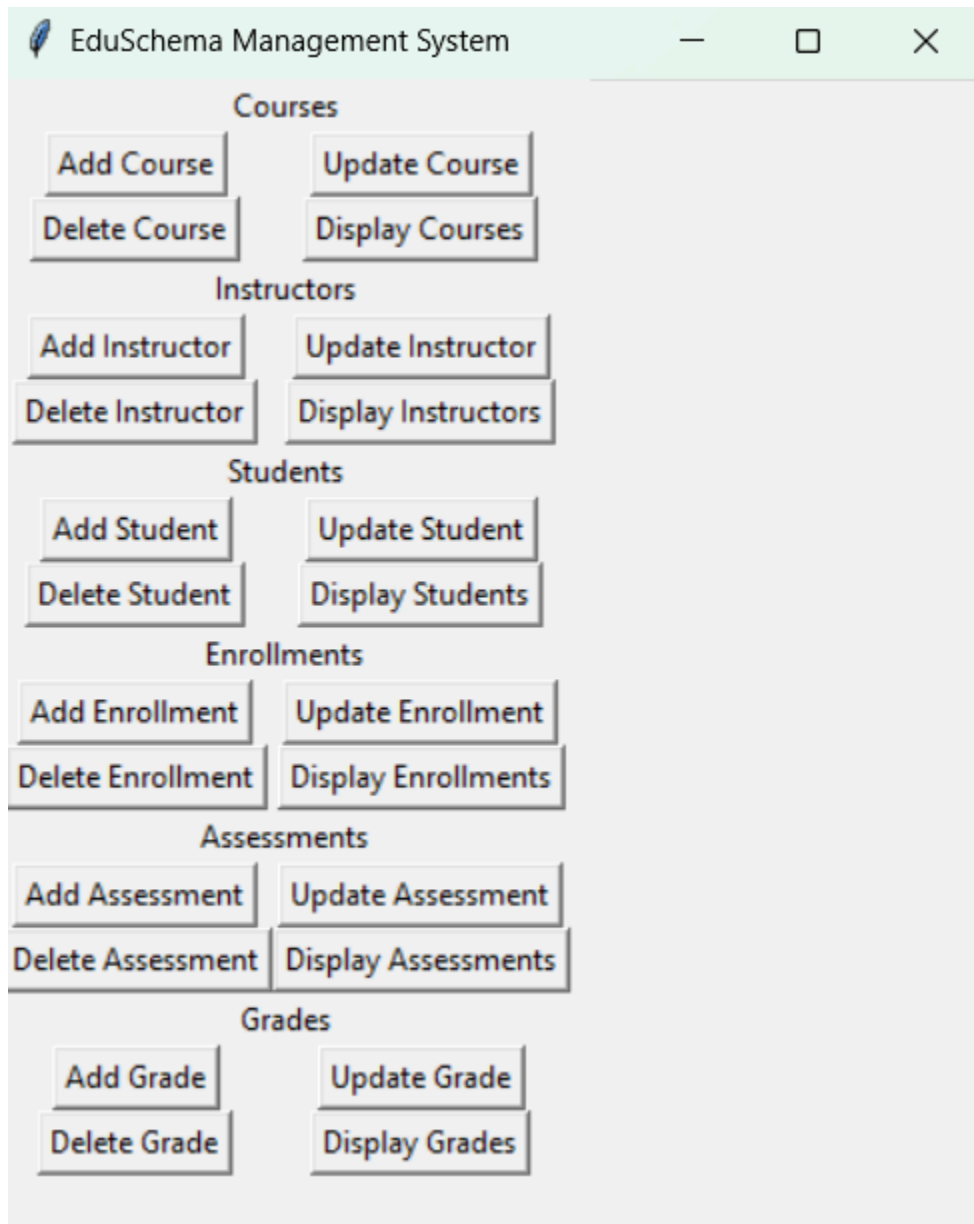
Assessments 6

×

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- Buttons:

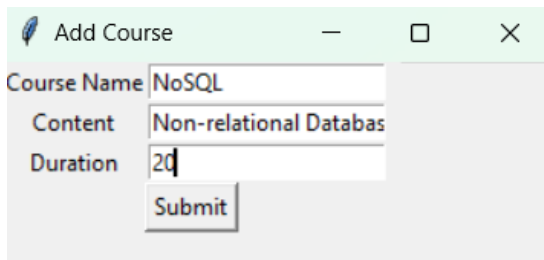


NAME: SAKSHI P DESAI
USN: 21BTRCL088

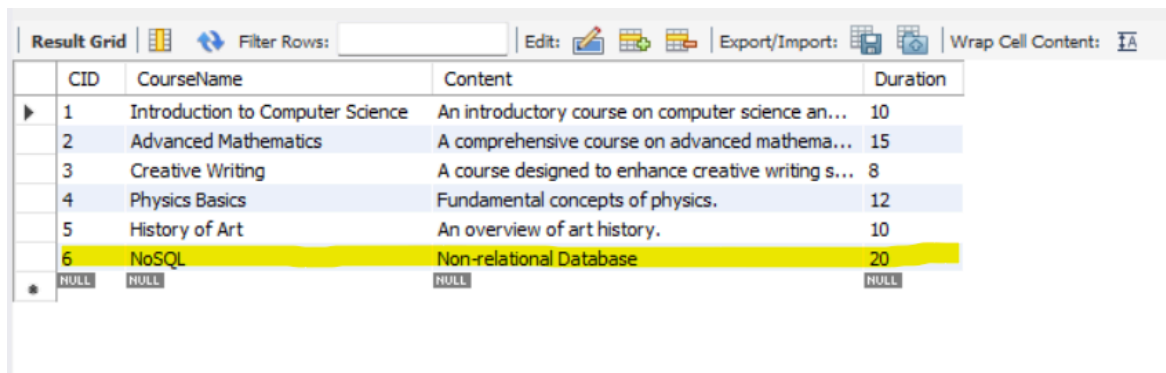
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- Example Usage:

1.

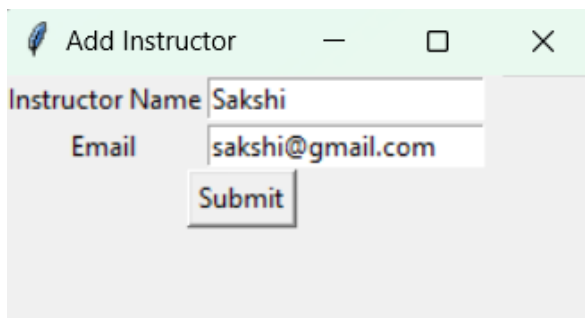


```
PS D:\Sakshi\Project-3 > & C:/Users/Pragati/anaconda3/python.exe "d:/Sakshi/Project-3 S/database.py"
Connected to MySQL database
PS D:\Sakshi\Project-3 > & C:/Users/Pragati/anaconda3/python.exe "d:/Sakshi/Project-3 S/crud_operations.py"
Connected to MySQL database
PS D:\Sakshi\Project-3 > & C:/Users/Pragati/anaconda3/python.exe "d:/Sakshi/Project-3 S/main.py"
Connected to MySQL database
Connected to MySQL database
Course added successfully
MySQL connection is closed
```

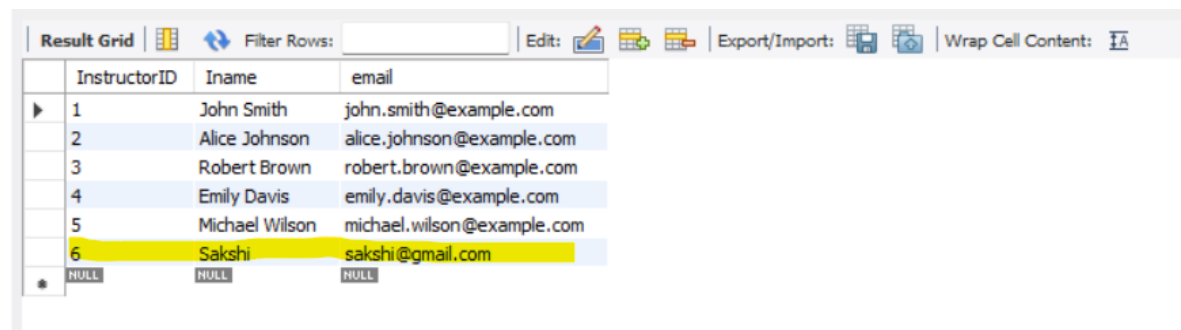


	CID	CourseName	Content	Duration
▶	1	Introduction to Computer Science	An introductory course on computer science an...	10
	2	Advanced Mathematics	A comprehensive course on advanced mathema...	15
	3	Creative Writing	A course designed to enhance creative writing s...	8
	4	Physics Basics	Fundamental concepts of physics.	12
	5	History of Art	An overview of art history.	10
	6	NoSQL	Non-relational Database	20
*	NULL	NULL	NULL	NULL

2.



```
Connected to MySQL database
Instructor added successfully
MySQL connection is closed
```



	InstructorID	Iname	email
▶	1	John Smith	john.smith@example.com
	2	Alice Johnson	alice.johnson@example.com
	3	Robert Brown	robert.brown@example.com
	4	Emily Davis	emily.davis@example.com
	5	Michael Wilson	michael.wilson@example.com
	6	Sakshi	sakshi@gmail.com
*	NULL	NULL	NULL

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3.

Delete Instructor

Instructor ID

Submit

Connected to MySQL database
Instructor deleted successfully
MySQL connection is closed

Instructors Table:

InstructorID	Iname	email
1	John Smith	john.smith@example.com
2	Alice Johnson	alice.johnson@example.com
3	Robert Brown	robert.brown@example.com
4	Emily Davis	emily.davis@example.com
5	Michael Wilson	michael.wilson@example.com
NULL	NULL	NULL

Instructors_Archive Table:

InstructorID	Iname	email
6	Sakshi	sakshi@gmail.com
NULL	NULL	NULL

4. Display Students:

```
Connected to MySQL database
(1, 'Emma Thompson', 'emma.thompson@example.com')
(2, 'Liam Harris', 'liam.harris@example.com')
(3, 'Olivia Martinez', 'olivia.martinez@example.com')
(4, 'Noah Clark', 'noah.clark@example.com')
(5, 'Ava Lewis', 'ava.lewis@example.com')
MySQL connection is closed
```

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5.

Update Enrollment

Enrollment ID	1
Student ID	2
Course ID	3
Enrollment Date	2024-06-24

Submit

```
Connected to MySQL database
Enrollment updated successfully
MySQL connection is closed
```

Result Grid | Filter Rows: | Edit:

	EID	SID	CID	EDate
▶	1	2	3	2024-06-24
	2	2	2	2024-01-11
	3	3	3	2024-01-12
	4	4	4	2024-01-13
	5	5	5	2024-01-14
✱	NULL	NULL	NULL	NULL

6. Display Assessments:

```
Connected to MySQL database
(1, 1, 'Midterm Exam', datetime.date(2024, 3, 1))
(2, 2, 'Final Project', datetime.date(2024, 3, 15))
(3, 3, 'Essay', datetime.date(2024, 2, 20))
(4, 4, 'Lab Report', datetime.date(2024, 3, 5))
(5, 5, 'Presentation', datetime.date(2024, 2, 25))
MySQL connection is closed
```