

SmartEducation:

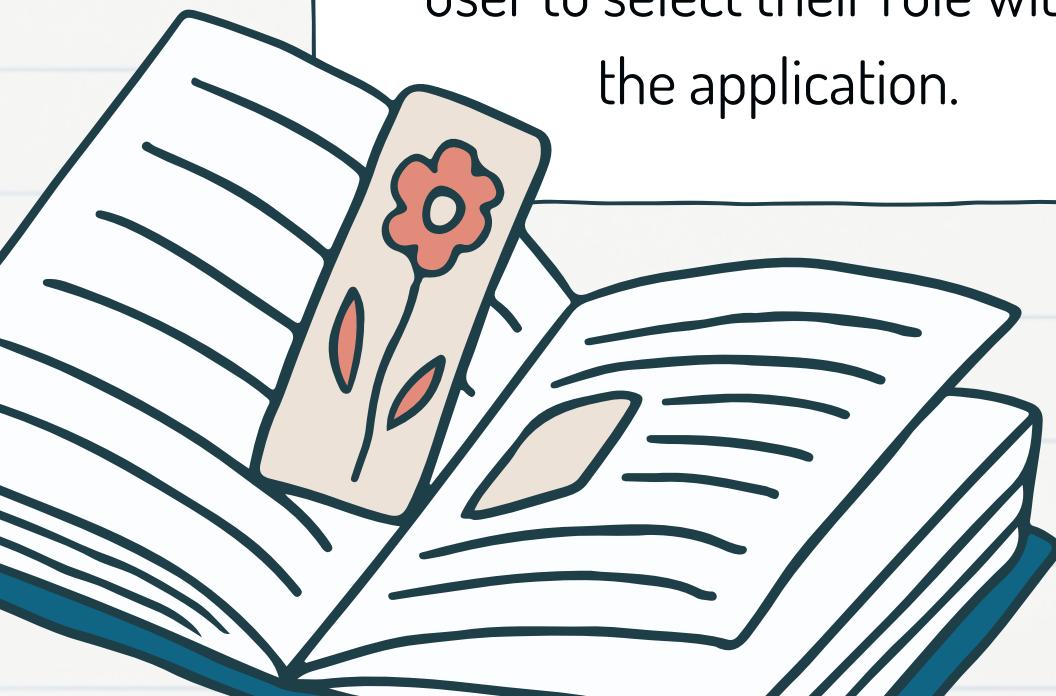
NAVIGATING STUDENT INFORMATION

BSIT 2103

Presented by:

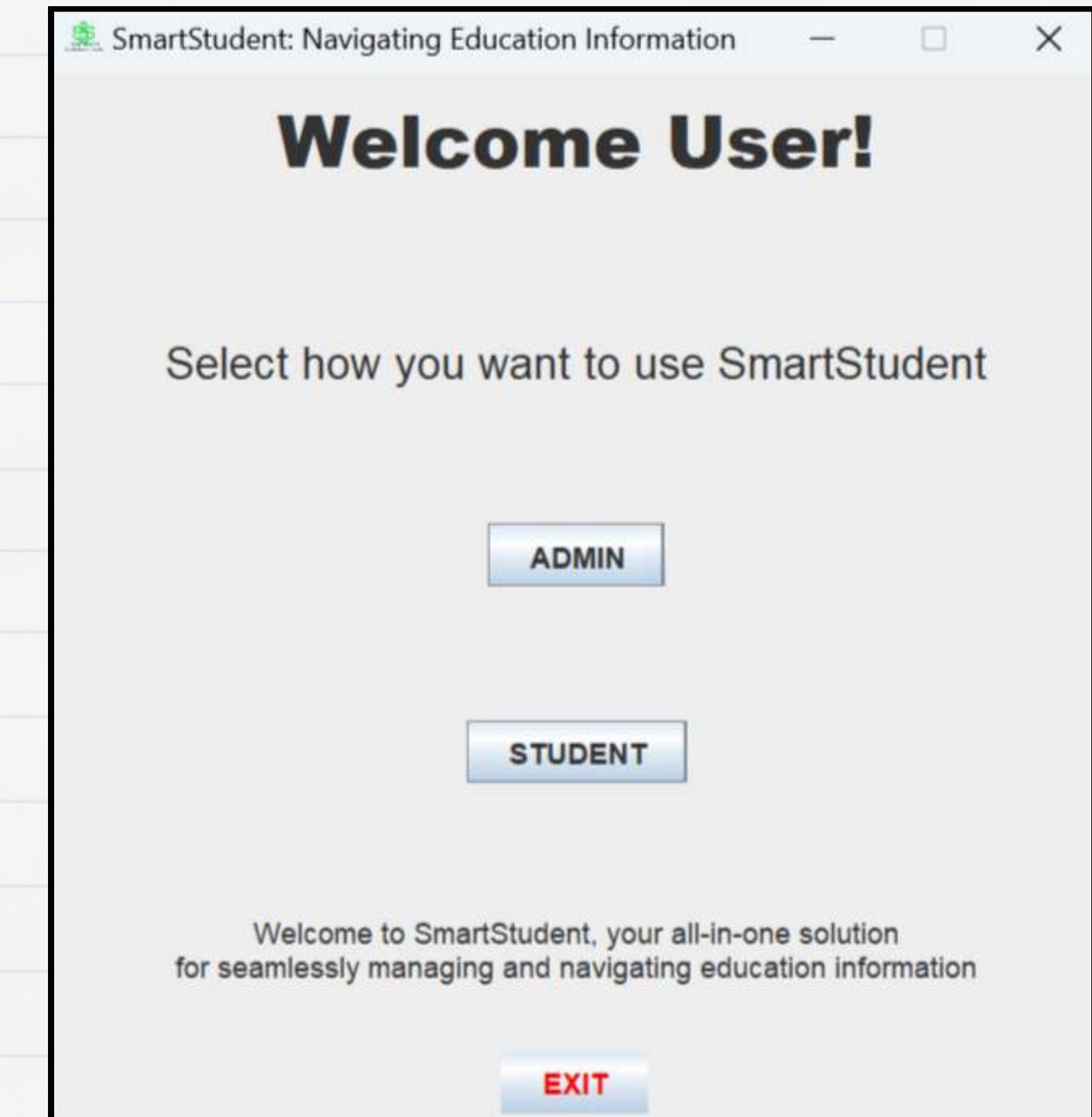
- Araño, Chester Jeff A.
- Atienza, Alyssa Mae V.
- Calingasan, Kyle Matthew D.

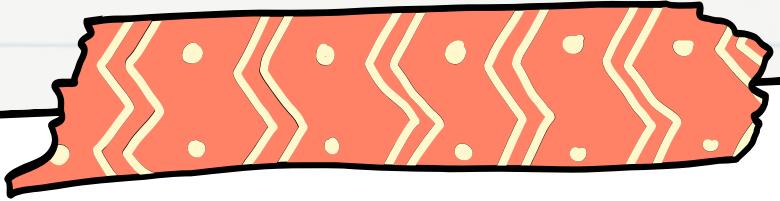




Main Menu

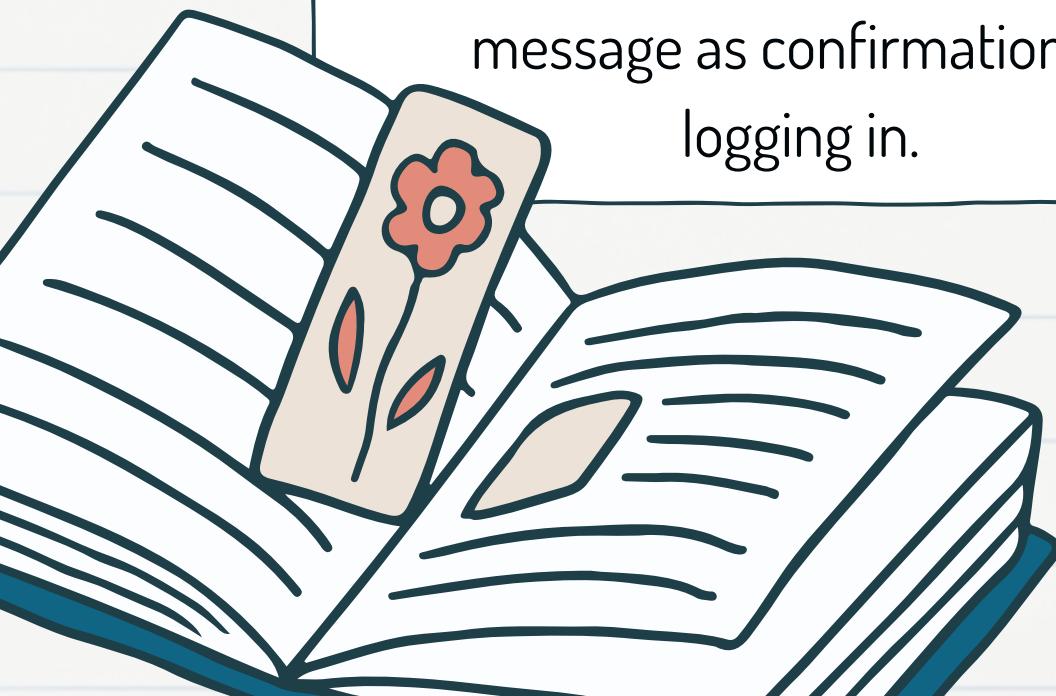
There are three buttons labeled “ADMIN”, “STUDENT”, and “EXIT”. These allow the user to select their role within the application.





Admin





Admin Menu

The User will enter its username and password. Upon successful login, there will be a “Login Successful!” message as confirmation of logging in.

SmartStudent: Navigating Education Information

Welcome Admin!

Username

Password

Log In

Back

X

Message

i Login Successful!

OK

Admin View

This view is specifically designed for administrative access and management of student information.

Admin View

Student Information

Student ID	First Name	Last Name
3	Joen	Ciruelas
4	Keith Andrei	Ciruelas
5	Juan	Dela Cruz
6	Cardo	Dalisay

[View Information of Student](#) [Log out](#)

View Info

This interface provides a detailed view of a student's profile. It allows the admin to manage individual student profiles, ensuring that all information is up-to-date and accurate.

 Admin Interface

Student ID:

Name: Cardo Ador Dalisay
Age: 30
Birthday: 1997-04-04
Address: Pasig City
Phone number: 10920910

SRCODE: 99912
Department: CAS
Course: BSCRIM
Year: 2nd

Admin Interface

Student ID:

6

Search

Delete

Name: Cardo Ador Dalisay

Age: 30

Birthday: 1997-04-04

Address: Pasig City

Phone number: 1

SRCODE: 99912

Department: CAS

Course: BSCRIM

Year: 2nd

Confirmation



Are you sure you want to delete this student?

Yes

No

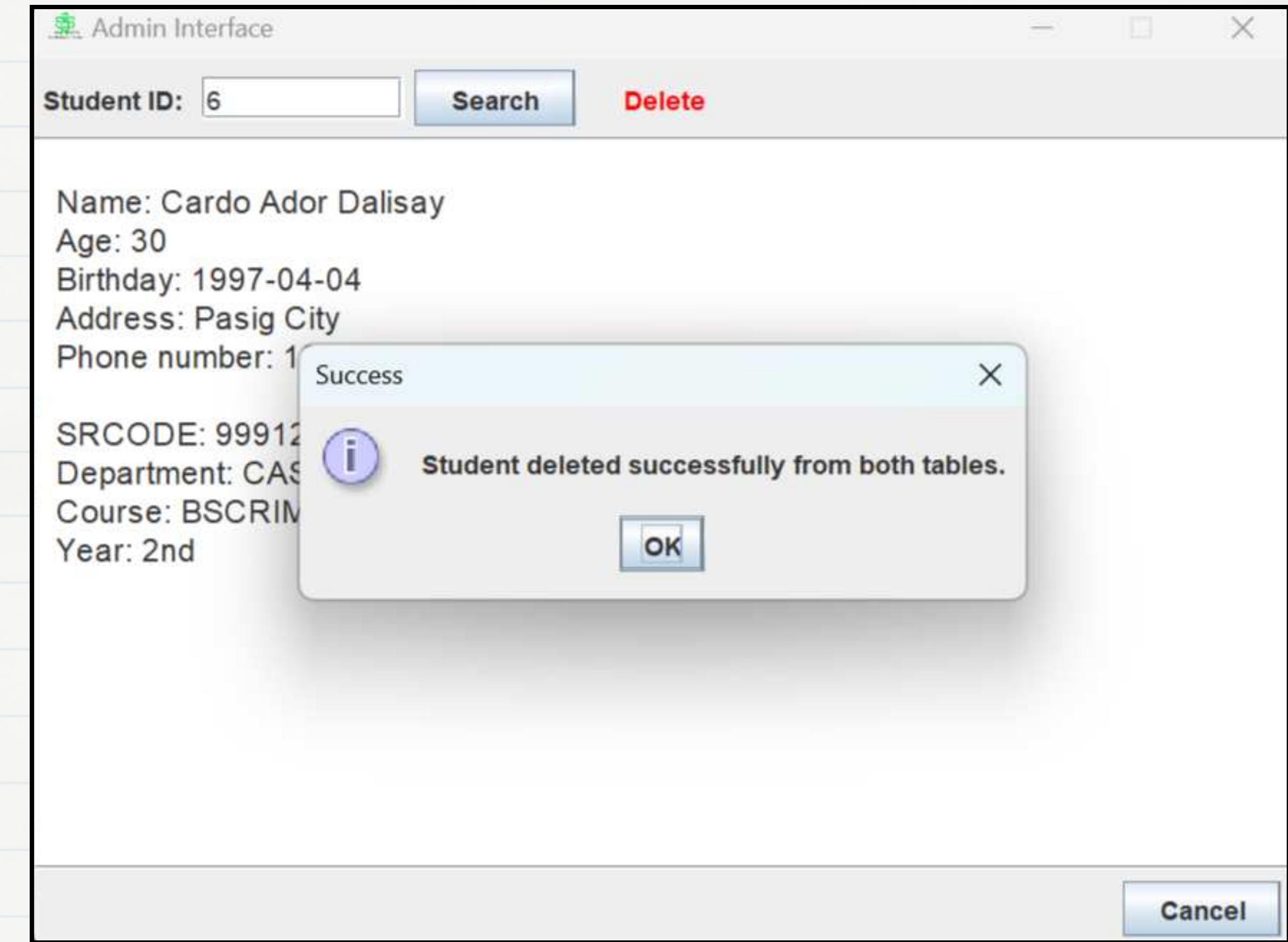
Cancel

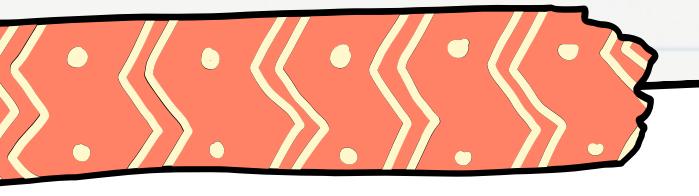
View Info

The presence of a search bar suggests the ability to look up other students, while a delete button indicates that the admin can remove records if necessary.

View Info

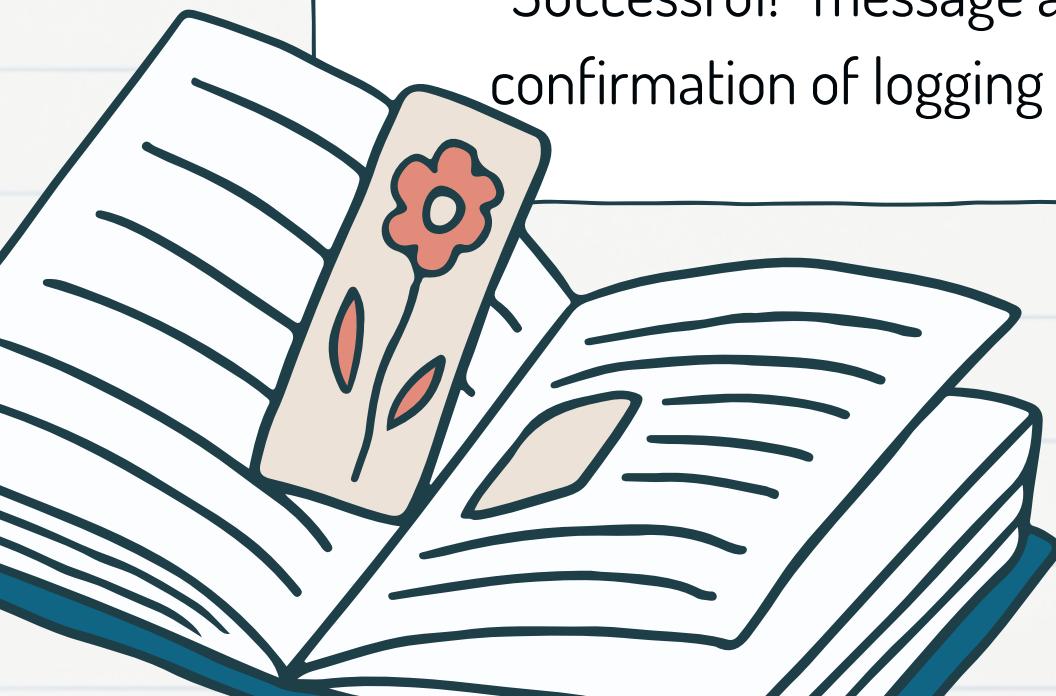
After clicking yes to the confirmation window, there will be a success window as a confirmation that the student was deleted successfully from both tables.





Student





Student Menu

The User will enter its email and password. Upon successful login, there will be a “Login Successful!” message as confirmation of logging in.

SmartStudent: Navigating Education Information

Welcome Student!

Email

Password

[Forgotten Password?](#)

[Log In](#)

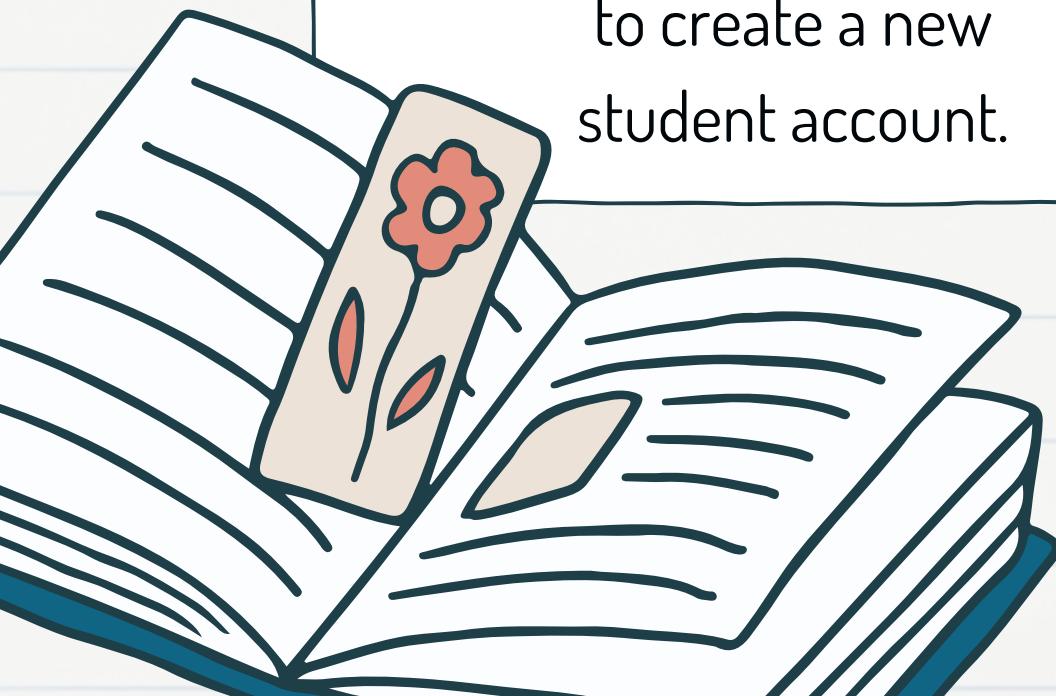
[No Account Yet?](#)

[Sign Up](#) [Cancel](#)

Success

Login successful!

[OK](#)



Sign-up Form

This form is designed
to collect essential
information required
to create a new
student account.

Student Interface

New Students? Please fill up the form to continue

Firstname: Cardo

Lastname: Dalisay

Middlename: Ador

Age: 30

Date of Birth: 1997-04-04

Address: Pasig City

Phone Number: 10920910

Back Next

Success

Proceed next student information.

OK

Sign-up Form

The User will fill up their student information needed. and it will be added to the system.

Student Interface

New Students? Please fill up the form to continue

SR-Code

Department

Course

Year

Success
Student information added successfully.
OK

Back Submit

Sign-up Form

The form includes fields for the student's name, email, pa This ensures that the student's account will be personal and secure.

Student Sign Up Form

Name

Email

Password

Confirm Password

Message X

 Signup successfully!

Student Info

This interface serves as a personal dashboard for the student, providing a summary of their profile and academic details.

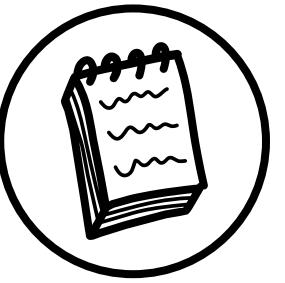
 Student Information

Welcome, Cardo

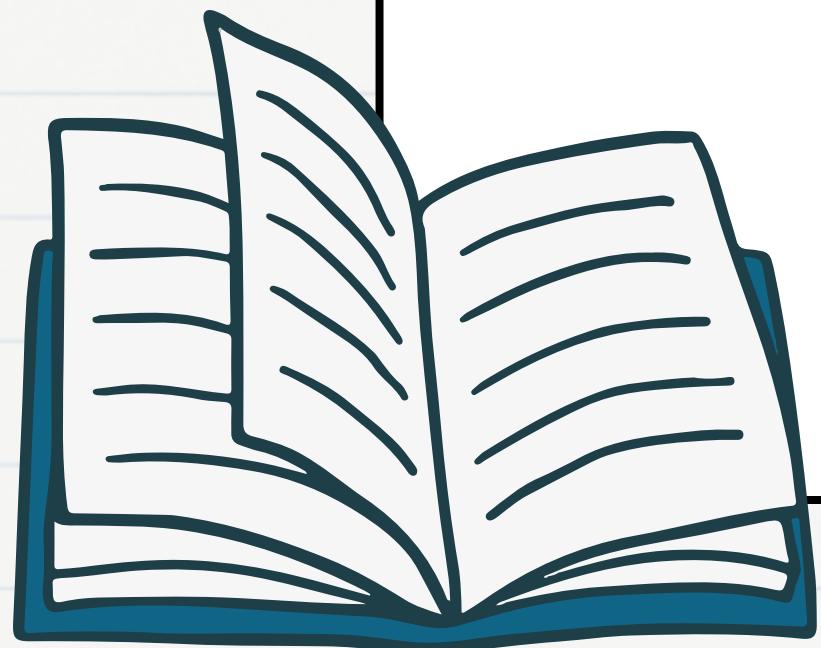
Name: Cardo Ador Dalisay
Age: 30
Birthday: 1997-04-04
Address: Pasig City
Phone number: 10920910

SRCODE: 99912
Department: CAS
Course: BSCRIM
Year: 2nd

[Log out](#)

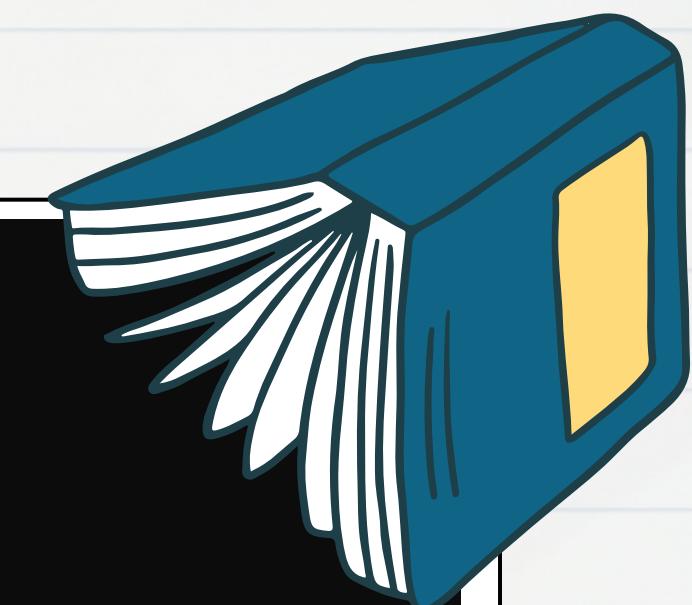


Queries Used



Select ...
Join

```
MariaDB [smartstudents]> SELECT
->     sf.student_signupID,
->     sf.name,
->     sf.email,
->     a.username,
->     a.password
-> FROM
->     signup_form sf
-> JOIN
->     admin a ON sf.student_signupID = a.student_ID;
+-----+-----+-----+-----+
| student_signupID | name          | email        | username    | password   |
+-----+-----+-----+-----+
|            3 | Kyle Matthew Calingasan | kyle@gmail.com | admin      | admin      |
+-----+-----+-----+-----+
1 row in set (0.000 sec)
```



This query selects the student_signupID, name, email from the signup_form table and username, password from the admin table where the student_signupID in signup_form matches the student_ID in admin.

Select ...

Join

```
MariaDB [smartstudents]> SELECT
    ->     ff.studentID,
    ->     ff.firstname,
    ->     ff.lastname,
    ->     nf.srcode,
    ->     nf.depart,
    ->     nf.course,
    ->     nf.year
-> FROM
->     fillup_form ff
-> JOIN
->     next_fillup_form nf ON ff.studentID = nf.student_ID;
+-----+-----+-----+-----+-----+-----+-----+
| studentID | firstname | lastname | srcode | depart | course           | year   |
+-----+-----+-----+-----+-----+-----+-----+
|      3 | Kyle Matthew | Calingasan | 2212345 | CICS   | BS in Information Technology | 2023-2024 |
|      4 | Chester Jeff | Arano     | 2211111 | CICS   | BS in Information Technology | 2023-2024 |
|      6 | Clark        | Alisuag   | 2233333 | CICS   | BS in Information Technology | 2023-2024 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)
```

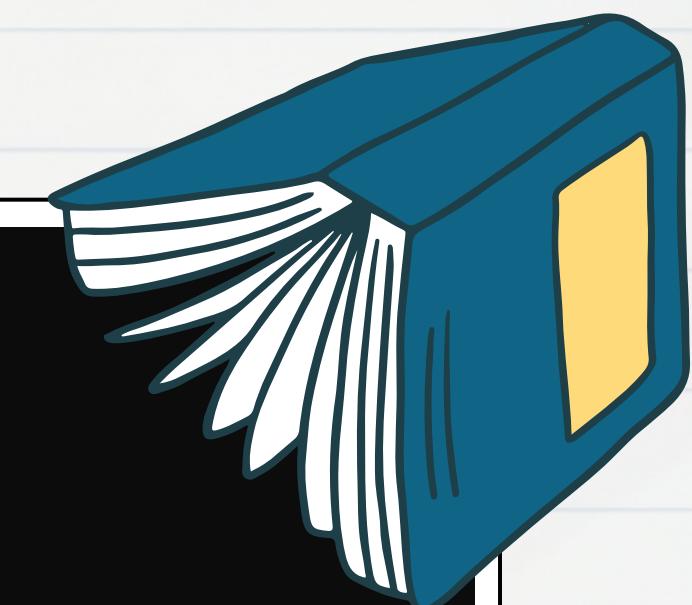
This query selects the studentID, firstname, lastname from the fillup_form table and srcode, depart, course, year from the next_fillup_form table where the studentID in fillup_form matches the student_ID in next_fillup_form.

Select ...

Join

Join

```
MariaDB [smartstudents]> SELECT
->     ff.studentID,
->     ff.firstname,
->     ff.lastname,
->     nf.srccode,
->     nf.depart,
->     nf.course,
->     nf.year,
->     sf.name,
->     sf.email
-> FROM
->     fillup_form ff
-> JOIN
->     next_fillup_form nf ON ff.studentID = nf.student_ID
-> JOIN
->     signup_form sf ON ff.studentID = sf.student_signupID;
+-----+-----+-----+-----+-----+-----+-----+-----+
| studentID | firstname | lastname | srccode | depart | course | year | name | email |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 3 | Kyle Matthew | Calingasan | 2212345 | CICS | BS in Information Technology | 2023-2024 | Kyle Matthew Calingasan | kyle@gmail.com |
| 4 | Chester Jeff | Arano | 2211111 | CICS | BS in Information Technology | 2023-2024 | Chester Jeff Arano | cjay@gmail.com |
| 6 | Clark | Alisuag | 2233333 | CICS | BS in Information Technology | 2023-2024 | Clark Alisuag | clark@gmail.com |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)
```



This query selects information from the fillup_form, next_fillup_form, and signup_form tables. It joins these tables based on the relationships between fillup_form.studentID, next_fillup_form.student_ID, and signup_form.student_signupID.

Select ...

Join

Join

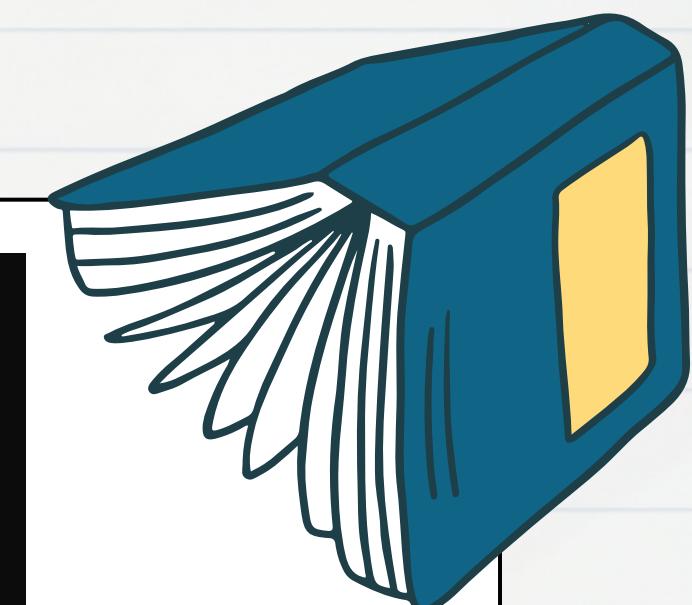
```
MariaDB [smartstudents]> SELECT
-->     nf.student_ID,
-->     nf.srcode,
-->     nf.depart,
-->     nf.course,
-->     nf.year,
-->     sf.name,
-->     sf.email,
-->     ff.firstname,
-->     ff.lastname,
-->     ff.age,
-->     ff.address,
-->     ff.Phone_num
-->   FROM
-->   next_fillup_form nf
--> JOIN
-->   signup_form sf ON nf.student_ID = sf.student_signupID
--> JOIN
-->   fillup_form ff ON nf.student_ID = ff.studentID;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| student_ID | srcode | depart | course           | year    | name          | email        | firstname    | lastname      | age  | address          | Phone_num |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|       3 | 2212345 | CICS   | BS in Information Technology | 2023-2024 | Kyle Matthew Calingasan | kyle@gmail.com | Kyle Matthew | Calingasan    | 20   | Alitagtag, Batangas | 99999999 |
|       4 | 2211111 | CICS   | BS in Information Technology | 2023-2024 | Chester Jeff Arano    | cjay@gmail.com | Chester Jeff | Arano         | 20   | San Jose, Alitagtag | 98888888 |
|       6 | 2233333 | CICS   | BS in Information Technology | 2023-2024 | Clark Alisuag        | clark@gmail.com | Clark         | Alisuag      | 20   | Poblacion West, Alitagtag | 97777777 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)
```



In this query, we're selecting information from the `next_fillup_form`, `signup_form`, and `fillup_form` tables. It joins these tables based on the relationships between `next_fillup_form.student_ID`, `signup_form.student_signupID`, and `fillup_form.studentID`.

Select ...
Order By

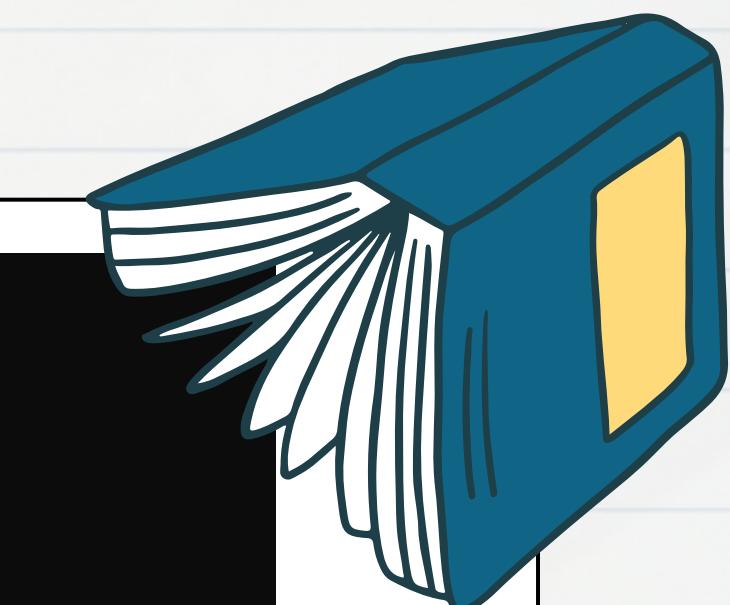
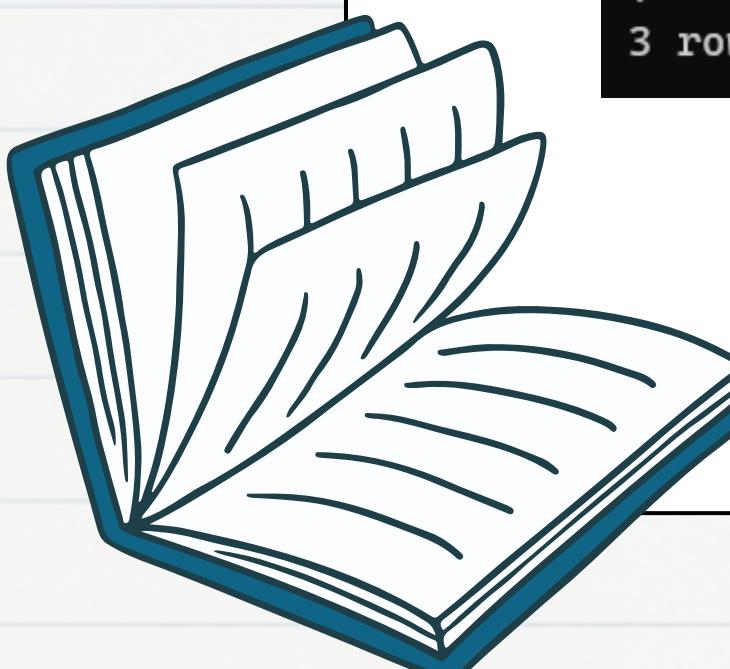
```
MariaDB [smartstudents]> SELECT
->     student_ID,
->     srcode,
->     depart,
->     course,
->     year
-> FROM
->     next_fillup_form
-> ORDER BY
->     student_ID DESC;
+-----+-----+-----+-----+-----+
| student_ID | srcode | depart | course | year |
+-----+-----+-----+-----+-----+
|       6    | 2233333 | CICS   | BS in Information Technology | 2023-2024 |
|       4    | 2211111 | CICS   | BS in Information Technology | 2023-2024 |
|       3    | 2212345 | CICS   | BS in Information Technology | 2023-2024 |
+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)
```



This query selects information from the `next_fillup_form` table and orders the result by the `student_ID` column in descending order.

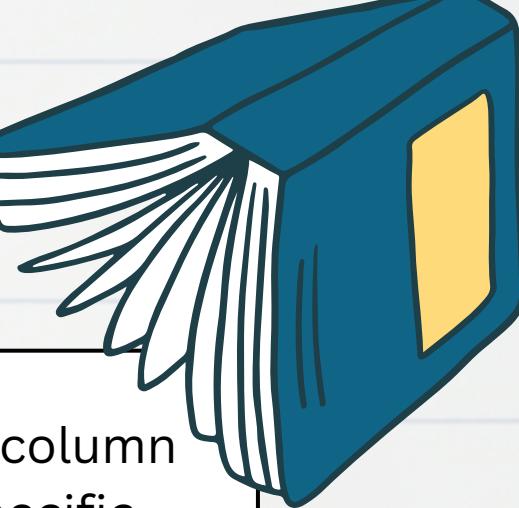
Select ...
Order By

```
MariaDB [smartstudents]> SELECT
->     studentID,
->     firstname,
->     lastname,
->     age,
->     d_o_b,
->     address,
->     Phone_num
-> FROM
->     fillup_form
-> ORDER BY
->     address ASC;
+-----+-----+-----+-----+-----+-----+-----+
| studentID | firstname | lastname | age | d_o_b      | address                | Phone_num |
+-----+-----+-----+-----+-----+-----+-----+
|      3 | Kyle Matthew | Calingasan | 20 | 2003-09-13 | Alitagtag, Batangas    | 99999999 |
|      6 | Clark        | Alisuag   | 20 | 2003-11-13 | Poblacion West, Alitagtag | 977777777 |
|      4 | Chester Jeff | Arano     | 20 | 2003-08-03 | San Jose, Alitagtag    | 98888888 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)
```



This query selects information from the fillup_form table and orders the result by the address column in ascending order.

Update



```
MariaDB [smartstudents]> UPDATE signup_form
-> SET password = 'kayl123'
-> WHERE student_signupID = 3;
Query OK, 1 row affected (0.012 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [smartstudents]> UPDATE signup_form
-> SET email = 'alyssamaeatienza@gmail.com'
-> WHERE student_signupID = 5;
Query OK, 1 row affected (0.011 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [smartstudents]> UPDATE signup_form
-> SET name = 'Cjay', password = 'cjay12345'
-> WHERE email = 'cjay@gmail.com';
Query OK, 1 row affected (0.001 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [smartstudents]> Select * from signup_form
-> ;
+-----+-----+-----+-----+
| student_signupID | name           | email          | password      |
+-----+-----+-----+-----+
| 1   | Keith Andrei    | keith@gmail.com | keithc        |
| 2   | Geo Ong         | geoong@gmail.com | geo          |
| 3   | Kyle Matthew Calingasan | kyle@gmail.com | kayl123       |
| 4   | Cjay            | cjay@gmail.com  | cjay12345    |
| 5   | Alyssa Mae Atienza | alyssamaeatienza@gmail.com | 12345        |
| 6   | Clark Alisuag    | clark@gmail.com | 123456       |
| 7   | Sharmaine Abrenica | shar@gmail.com  | 12345667     |
| 8   | Nelcy Cabacang    | nelcy@gmail.com | 12345678     |
+-----+-----+-----+-----+
```

This query updates the **password** column in the **signup_form** table for a specific student. Replace `your_student_id` with the actual student ID you want to update and `new_password_value` with the new password value.

This query updates the **email** column in the **signup_form** table for a specific student. Replace `your_student_id` with the actual student ID you want to update, and set '`newemail@example.com`' to the desired new email address.

This query updates the **name** and **password** columns in the **signup_form** table based on the email address. Replace '`existingemail@example.com`' with the actual email address you want to use as a condition, and set the new values for **name** and **password**.

Delete

```
MariaDB [smartstudents]> DELETE FROM signup_form  
-> WHERE student_signupID = 8;  
Query OK, 1 row affected (0.012 sec)
```

```
MariaDB [smartstudents]> DELETE FROM signup_form  
-> WHERE email= 'shar@gmail.com';  
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [smartstudents]> select * from signup_form;
```

student_signupID	name	email	password
1	Keith Andrei	keith@gmail.com	keithc
2	Geo Ong	geoong@gmail.com	geo
3	Kyle Matthew Calingasan	kyle@gmail.com	kayl123
4	Cjay	cjay@gmail.com	cjay12345
5	Alyssa Mae Atienza	alyssamaeatienza@gmail.com	12345
6	Clark Alisuag	clark@gmail.com	123456

```
6 rows in set (0.000 sec)
```



This query deletes a specific student's signup information from the `signup_form` table. Replace your `student_id` with the actual student ID you want to delete.

This query will delete the row(s) where the email address is 'shar@gmail.com' in the `signup_form` table. Make sure you are certain about the record(s) you want to delete, as delete statements permanently remove data from the table.

Insert

```
MariaDB [smartstudents]> INSERT INTO signup_form (student_signupID, name, email, password)
-> VALUES (8, 'Jose Mari Chan', 'jose@gmail.com', 'jose12345');
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [smartstudents]> select * from signup_form;
```

student_signupID	name	email	password
1	Keith Andrei	keith@gmail.com	keithc
2	Geo Ong	geoong@gmail.com	geo
3	Kyle Matthew Calingasan	kyle@gmail.com	kayl123
4	Cjay	cjay@gmail.com	cjay12345
5	Alyssa Mae Atienza	alyssamaeatienza@gmail.com	12345
6	Clark Alisuag	clark@gmail.com	123456
8	Jose Mari Chan	jose@gmail.com	jose12345

```
7 rows in set (0.000 sec)
```

This query inserts a new student into the `signup_form` table with a specific `student_signupID` name, email, and password.

Insert

```
MariaDB [smartstudents]> INSERT INTO fillup_form (studentID, firstname, lastname, middle, age, d_o_b, address, Phone_num) VALUES  
(8, 'Jose Mari', 'Chan', 'kun', 21, '2002-11-29', 'Manila, Philippines', 1234567890);  
Query OK, 1 row affected (0.012 sec)  
  
MariaDB [smartstudents]> select * from fillup_form;  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| studentID | firstname | lastname | middle | age | d_o_b | address | Phone_num |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
| 3 | Kyle Matthew | Calingasan | Dela Pena | 20 | 2003-09-13 | Alitagtag, Batangas | 99999999 |  
| 4 | Chester Jeff | Arano | Ascona | 20 | 2003-08-03 | San Jose, Alitagtag | 98888888 |  
| 6 | Clark | Alisuag | Pogi | 20 | 2003-11-13 | Poblacion West, Alitagtag | 97777777 |  
| 8 | Jose Mari | Chan | kun | 21 | 2002-11-29 | Manila, Philippines | 1234567890 |  
+-----+-----+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.001 sec)
```

This query will insert a new record into the `fillup_form` table with the specified values. Adjust the values based on the actual data you want to insert.

Insert

```
MariaDB [smartstudents]> INSERT INTO next_fillup_form (student_ID, sricode, depart, course, year)
-> VALUES (8, 2266666, 'CICS', 'BS in Information Technology', '2023-2024');
Query OK, 1 row affected (0.012 sec)
```

```
MariaDB [smartstudents]> select * from next_fillup_form;
```

student_ID	sricode	depart	course	year
3	2212345	CICS	BS in Information Technology	2023-2024
4	2211111	CICS	BS in Information Technology	2023-2024
6	2233333	CICS	BS in Information Technology	2023-2024
8	2266666	CICS	BS in Information Technology	2023-2024

```
4 rows in set (0.000 sec)
```

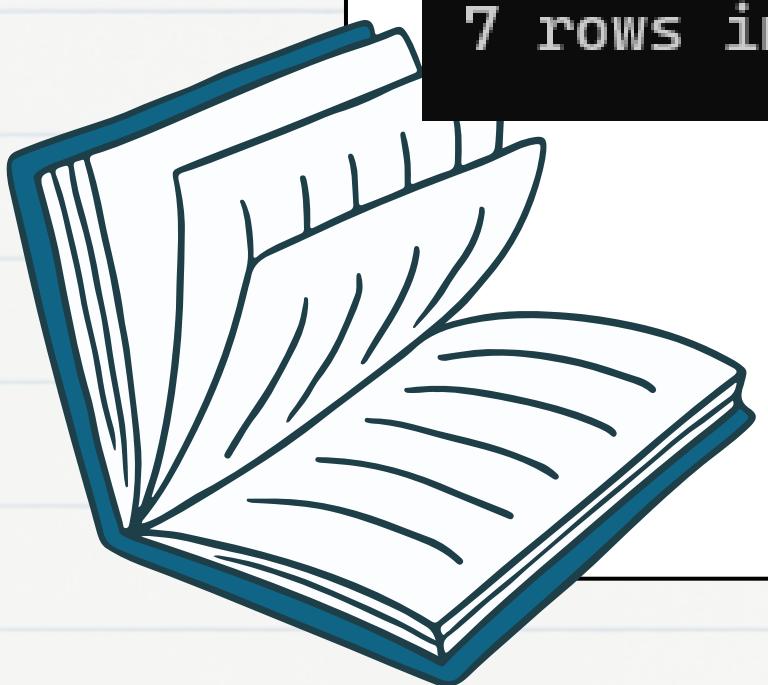
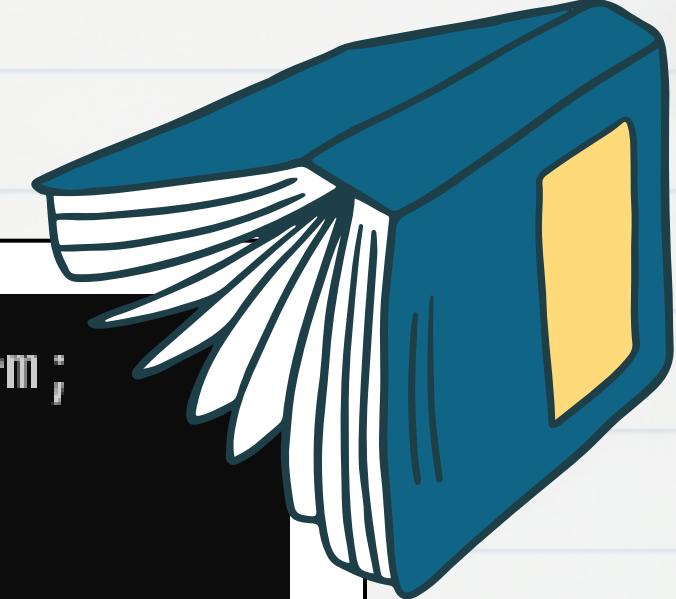
This query will insert a new record into the next_fillup_form table with the specified values. Adjust the values based on the actual data you want to insert.



Select

```
MariaDB [smartstudents]> select student_signupID, name from signup_form;
+-----+-----+
| student_signupID | name           |
+-----+-----+
|      1 | Keith Andrei   |
|      2 | Geo Ong        |
|      3 | Kyle Matthew Calingasan |
|      4 | Cjay            |
|      5 | Alyssa Mae Atienza |
|      6 | Clark Alisuag    |
|      8 | Jose Mari Chan   |
+-----+-----+
7 rows in set (0.000 sec)
```

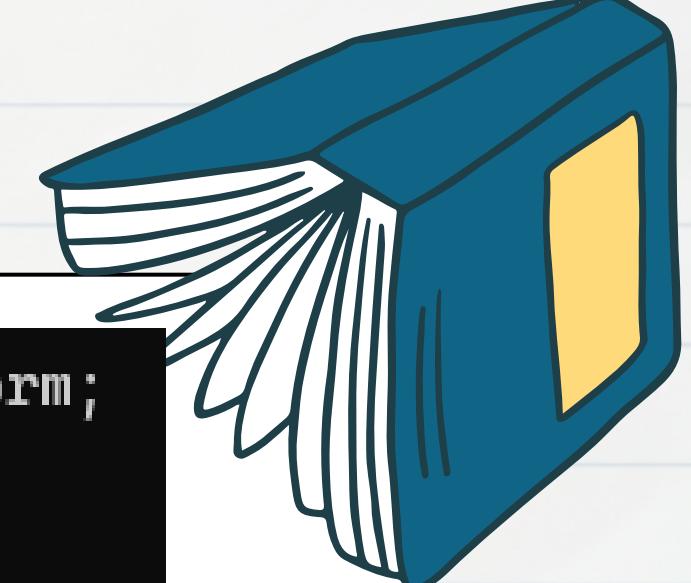
This query retrieves specific columns (`student_signupID` and `name`) from the `signup_form` table. It essentially returns a result set containing the `student_signupID` and `name` values for all records in the `signup_form` table.



Select

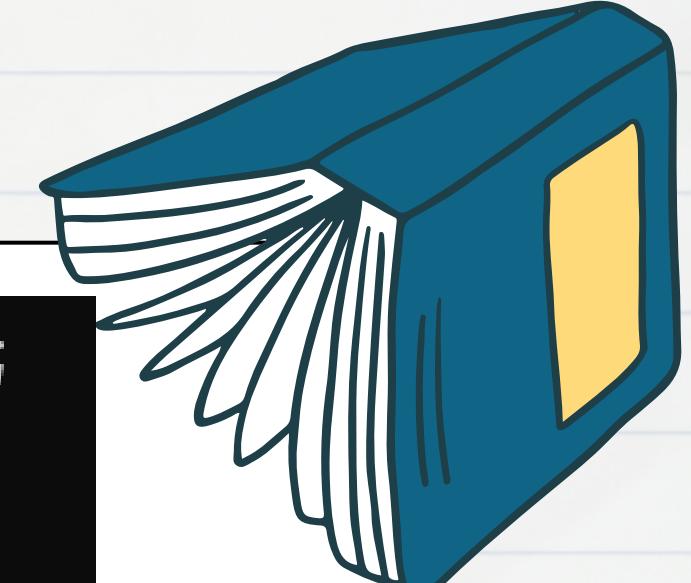
```
MariaDB [smartstudents]> select student_signupID, email from signup_form;
+-----+-----+
| student_signupID | email
+-----+-----+
| 1 | keith@gmail.com |
| 2 | geoong@gmail.com |
| 3 | kyle@gmail.com |
| 4 | cjay@gmail.com |
| 5 | alyssamaeatienza@gmail.com |
| 6 | clark@gmail.com |
| 8 | jose@gmail.com |
+-----+-----+
7 rows in set (0.000 sec)
```

This query is similar to the first one but retrieves different columns (student_signupID and email). It returns a result set containing the student_signupID and email values for all records in the signup_form table.



Select

```
MariaDB [smartstudents]> select name, email, password from signup_form;
+-----+-----+-----+
| name | email | password |
+-----+-----+-----+
| Keith Andrei | keith@gmail.com | keithc |
| Geo Ong | geoong@gmail.com | geo |
| Kyle Matthew Calingasan | kyle@gmail.com | kayl123 |
| Cjay | cjay@gmail.com | cjay12345 |
| Alyssa Mae Atienza | alyssamaeatienza@gmail.com | 12345 |
| Clark Alisuag | clark@gmail.com | 123456 |
| Jose Mari Chan | jose@gmail.com | jose12345 |
+-----+-----+-----+
7 rows in set (0.000 sec)
```



This query retrieves a different set of columns (name, email, and password) from the `signup_form` table. It returns a result set containing the name, email, and password values for all records in the `signup_form` table.

Select ...
Where

```
MariaDB [smartstudents]> SELECT * FROM signup_form
-> WHERE email = 'jose@gmail.com';
+-----+-----+-----+
| student_signupID | name          | email        | password   |
+-----+-----+-----+
|           8 | Jose Mari Chan | jose@gmail.com | jose12345 |
+-----+-----+-----+
1 row in set (0.000 sec)
```

This query retrieves all columns for a record where the email is equal to 'jose@gmail.com'.

```
MariaDB [smartstudents]> SELECT * FROM signup_form
-> WHERE name LIKE '%Matthew%';
+-----+-----+-----+
| student_signupID | name          | email        | password   |
+-----+-----+-----+
|           3 | Kyle Matthew Calingasan | kyle@gmail.com | kayl123 |
+-----+-----+-----+
1 row in set (0.000 sec)
```

This query retrieves all columns for records where the name contains 'Matthew'.

```
MariaDB [smartstudents]> SELECT * FROM signup_form
-> WHERE student_signupID = 6;
+-----+-----+-----+
| student_signupID | name          | email        | password   |
+-----+-----+-----+
|           6 | Clark Alisuag | clark@gmail.com | 123456 |
+-----+-----+-----+
1 row in set (0.000 sec)
```

This query retrieves all columns for records where the student_signupID is equals to 6.

**Thank You
For Listening**

