

Main Menu

Student Record Management

✧ STUDENT RECORDS ✧

Student No.	Student Name	Course & Year	GWA
-------------	--------------	---------------	-----

Create Record
Add at Beginning
Add at End
Display Records
Insert Before
Insert After
Delete First
Delete Last
Delete by Number
Exit

Create

Student Record Management

✧ STUDENT RECORDS ✧

Student No.	Student Name	Course & Year	GWA
-------------	--------------	---------------	-----

Create New Student Record

Student No:
2023-000

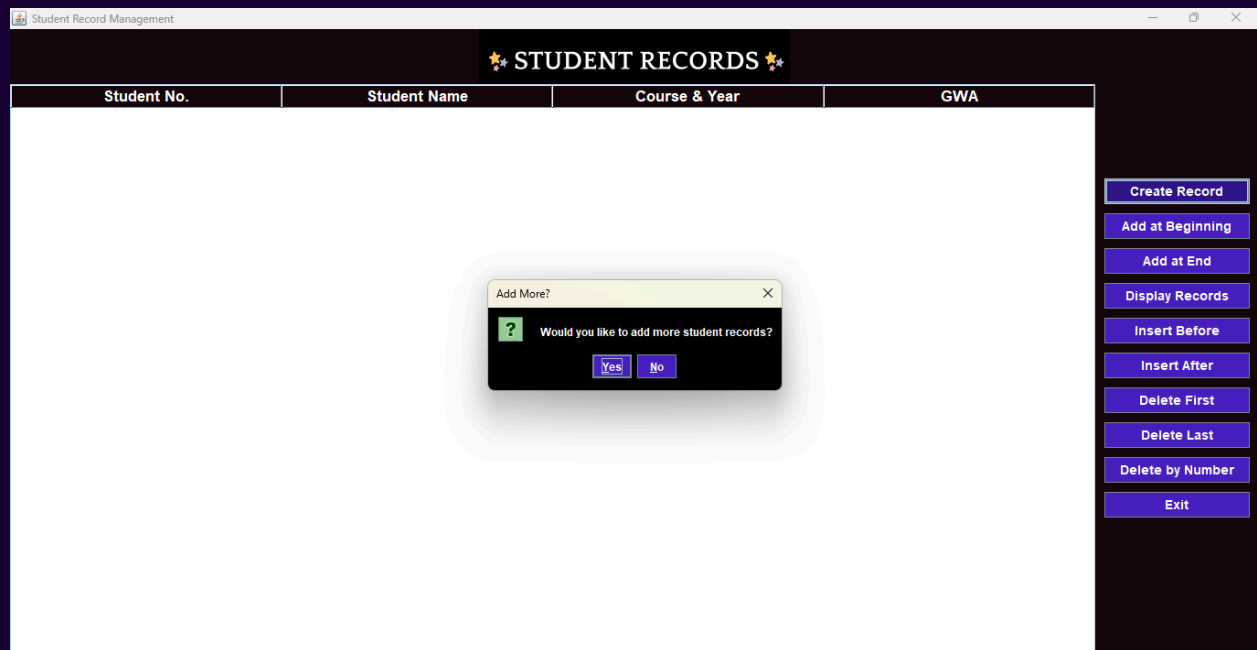
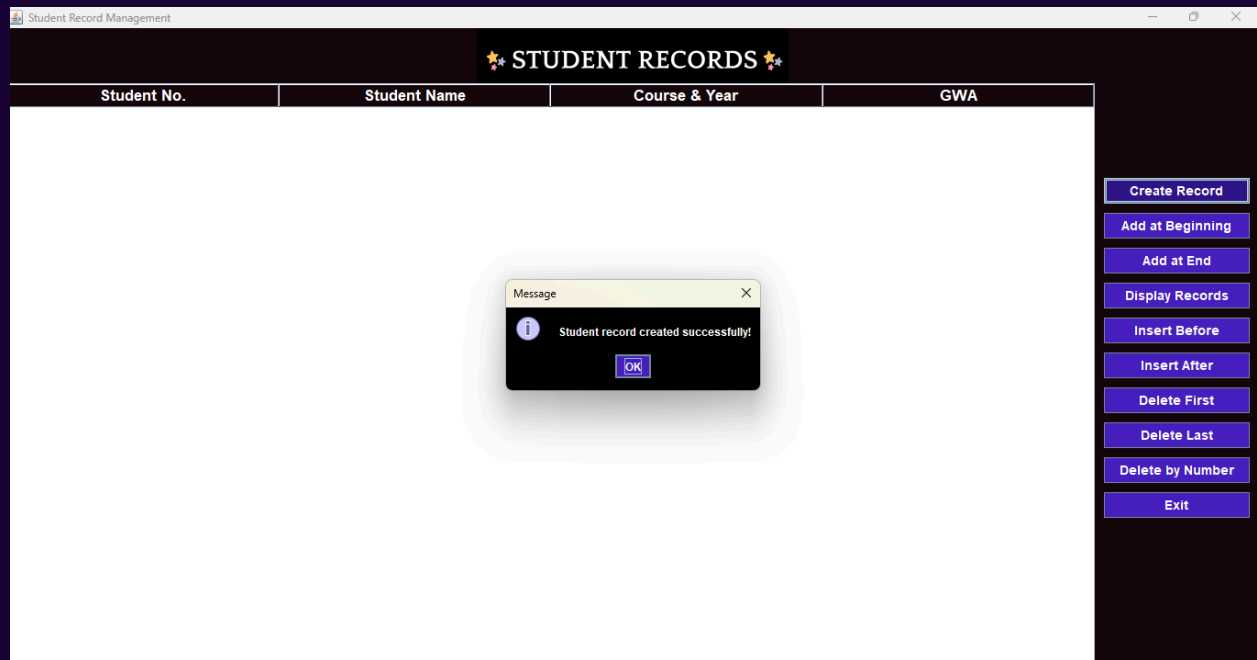
Student Name:
Kangkong Chips

Course & Year:
BSCS 1-1

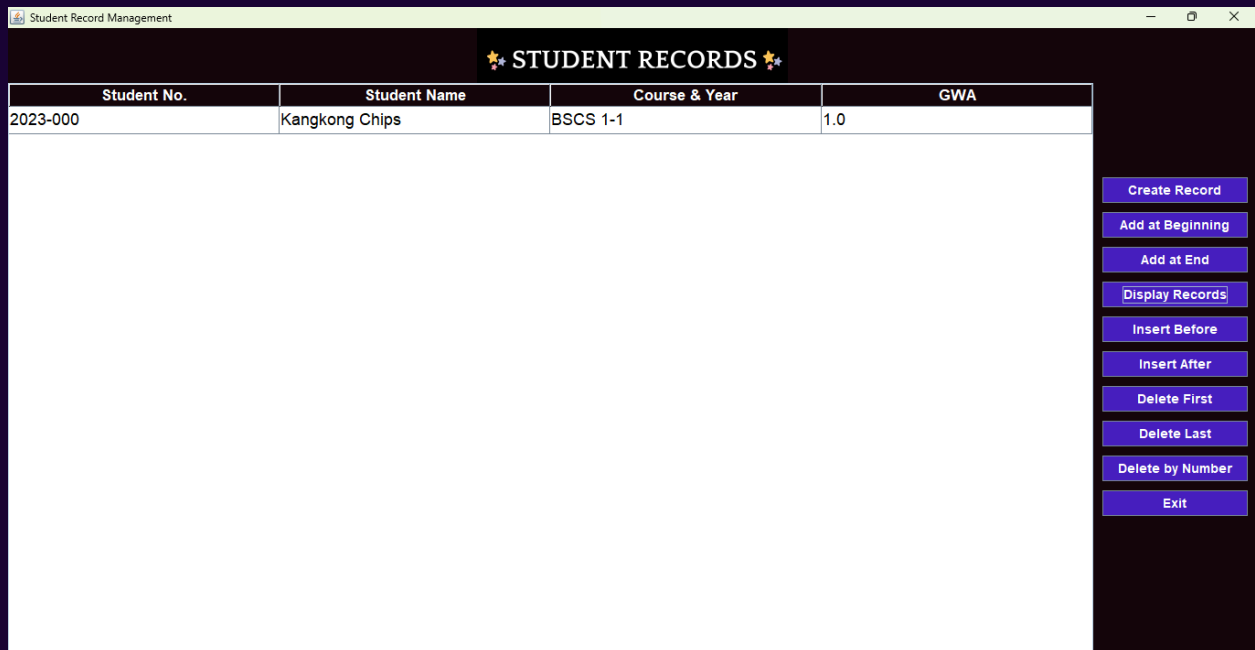
GWA:
1.00

OK Cancel

Create Record
Add at Beginning
Add at End
Display Records
Insert Before
Insert After
Delete First
Delete Last
Delete by Number
Exit



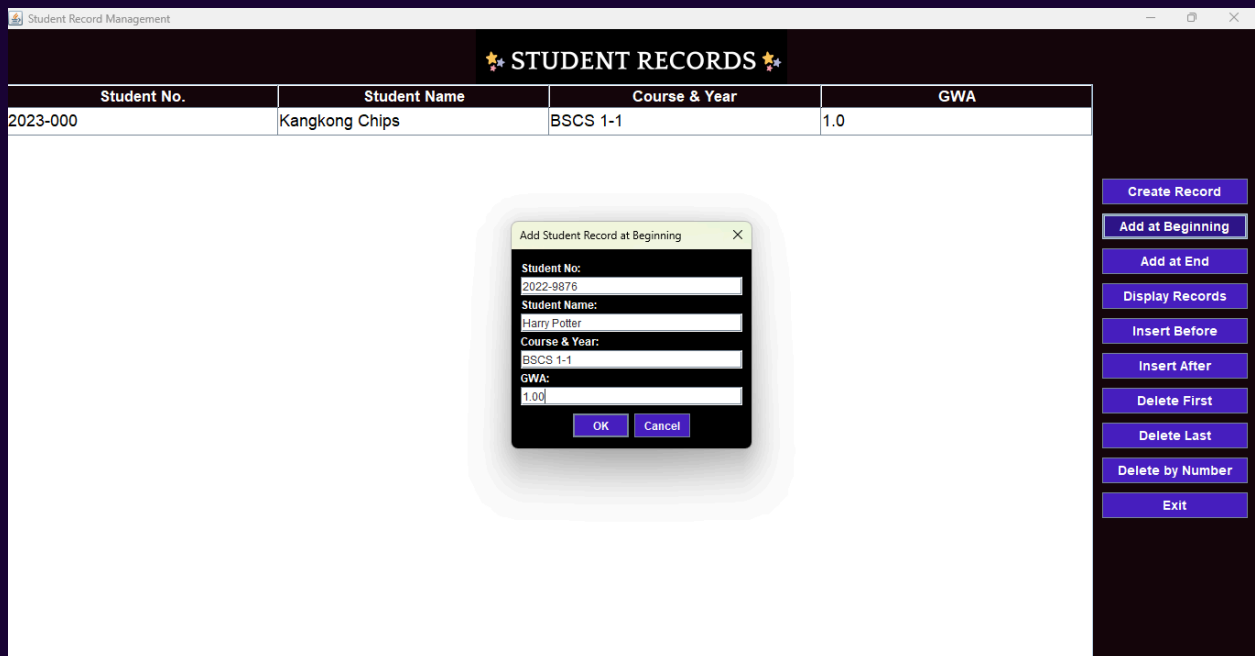
(output when you click 'No')



The screenshot shows a window titled "Student Record Management" with a dark blue header bar containing the text "STUDENT RECORDS" flanked by star icons. Below the header is a table with four columns: "Student No.", "Student Name", "Course & Year", and "GWA". The table contains one record: Student No. 2023-000, Student Name Kangkong Chips, Course & Year BSCS 1-1, and GWA 1.0. To the right of the table is a vertical sidebar with ten buttons: "Create Record", "Add at Beginning", "Add at End", "Display Records", "Insert Before", "Insert After", "Delete First", "Delete Last", "Delete by Number", and "Exit".

Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0

Add at the Beginning



The screenshot shows the same "Student Record Management" window as before, but with a dialog box titled "Add Student Record at Beginning" open in the center. The dialog box has a title bar with a close button (X). It contains five input fields: "Student No:" with the value "2022-9876", "Student Name:" with the value "Harry Potter", "Course & Year:" with the value "BSCS 1-1", and "GWA:" with the value "1.00". At the bottom of the dialog box are two buttons: "OK" and "Cancel". The sidebar buttons from the previous screenshot are still visible on the right.

Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0

Message

Student record added at the beginning successfully!

OK

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Add at the End

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0

Add Student Record at End

Student No:

2023-555

Student Name:

Janine Cule

Course & Year:

BSCS 1-1

GWA:

1.00

OKCancel

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0

Message

Student record added at the end successfully!

OK

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

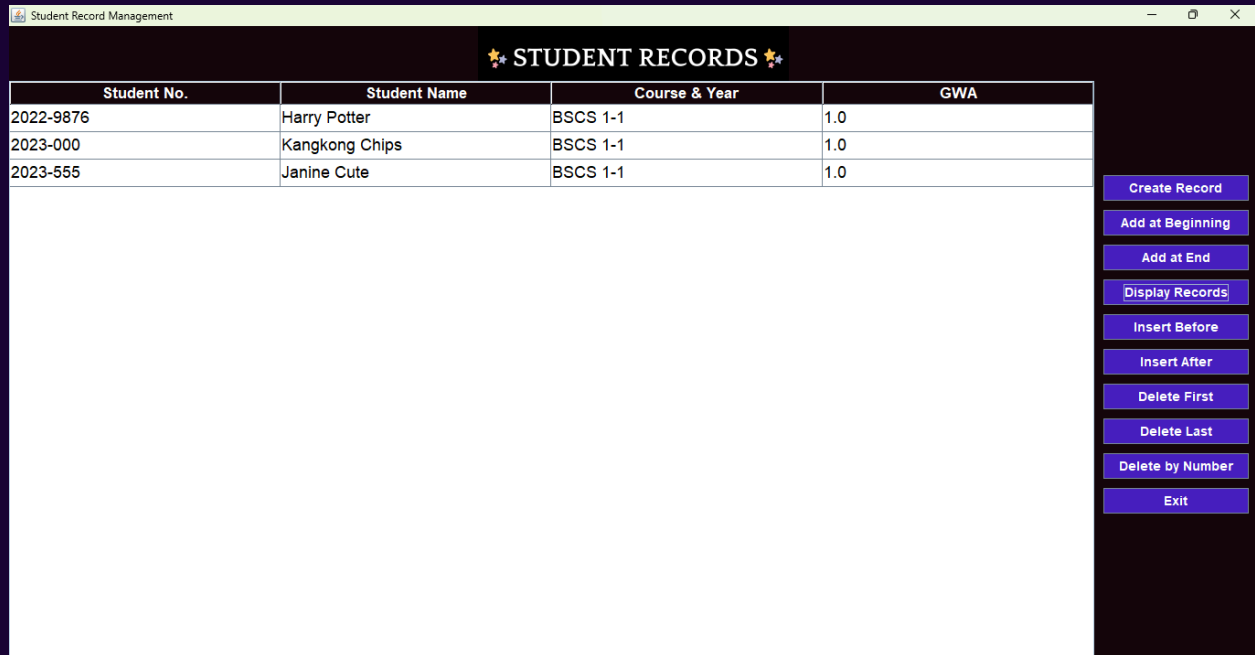
Insert After

Delete First

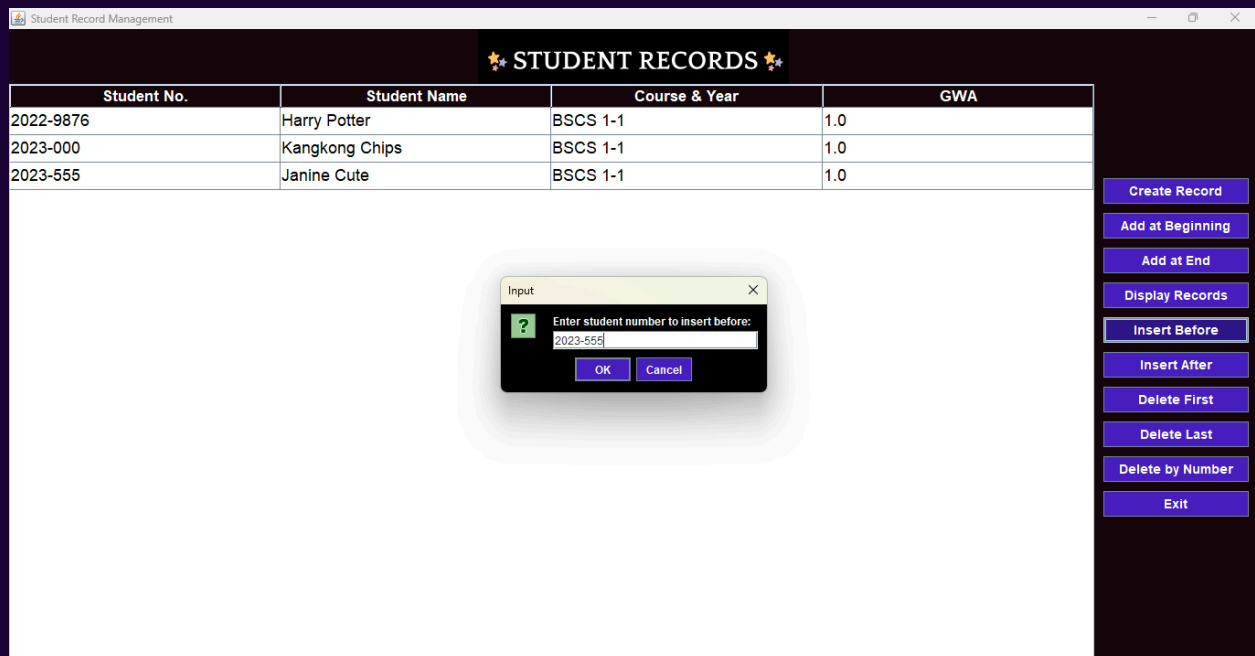
Delete Last

Delete by Number

Exit



Insert a new record before a specific student number



Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Insert Student Record Before Node

Student No:

2023-123

Student Name:

Kokey

Course & Year:

BSCS 1-1

GWA:

1.00

OKCancel

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Message

Student record inserted before the node successfully!

OK

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

(if not found)

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

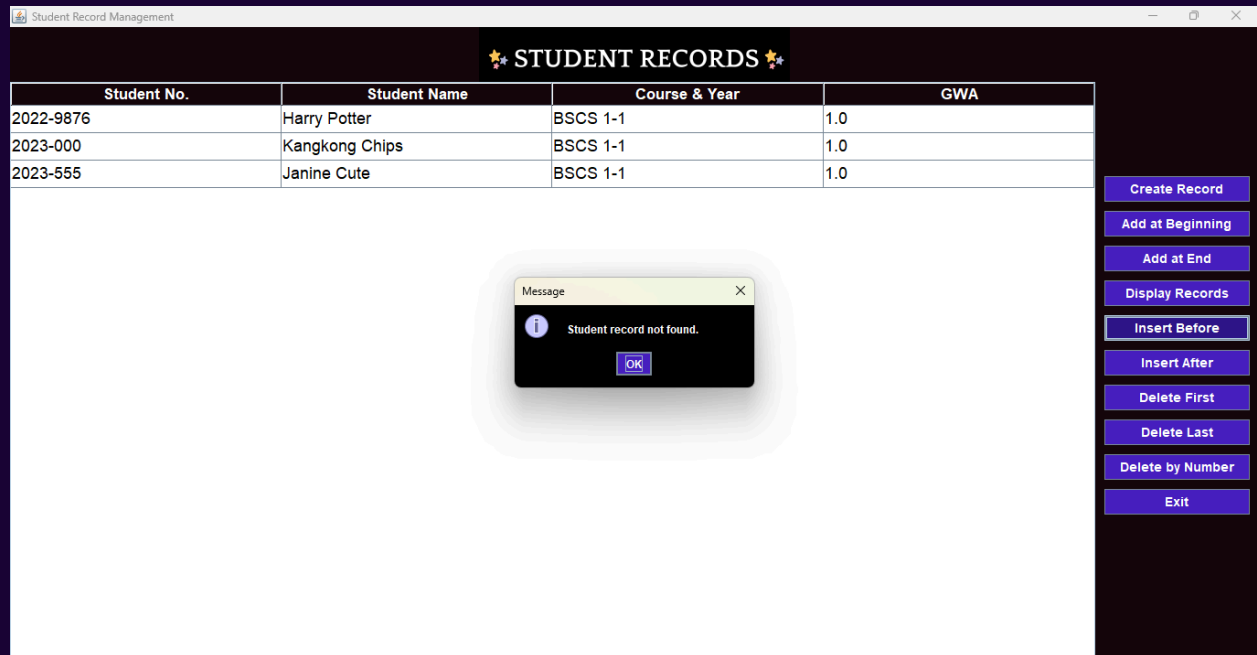
Input

?

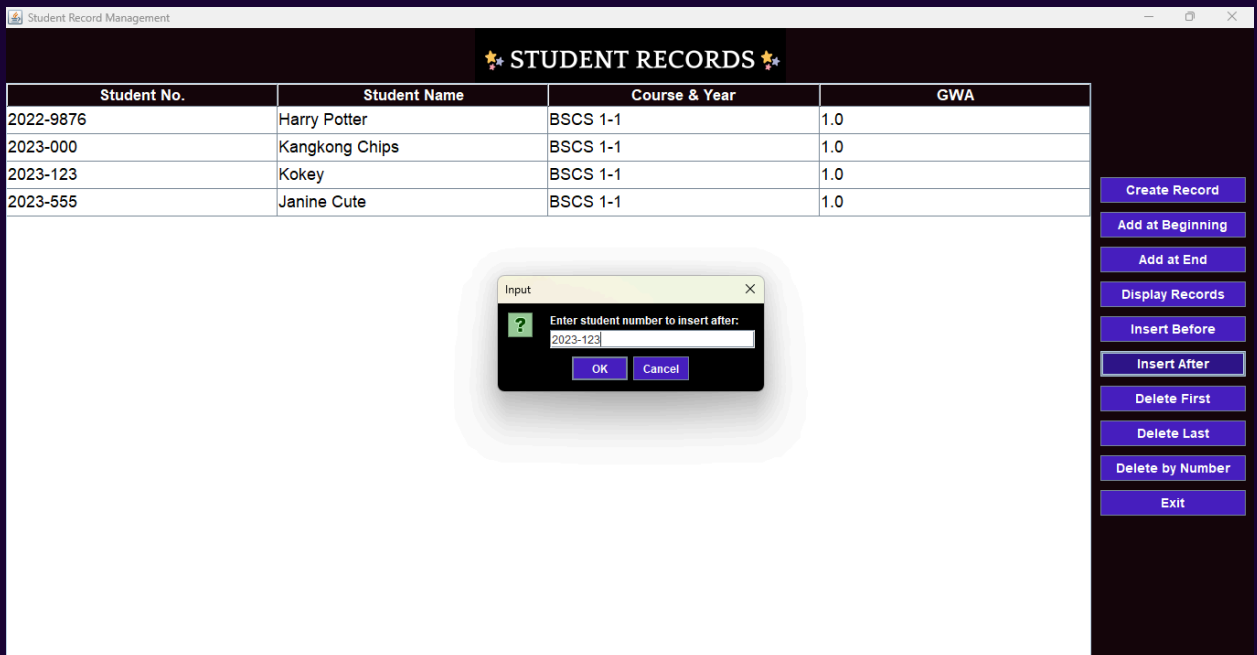
Enter student number to insert before:

2027

OKCancel



Insert a new record after a specific student number



Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Insert Student Record After Node

Student No:

2023-222

Student Name:

John Cena

Course & Year:

BSCS 1-1

GWA:

1.00

OKCancel

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Message

Student record inserted after the node successfully!

OK

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-222	John Cena	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

(if not found)

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2022-9876	Harry Potter	BSCS 1-1	1.0
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

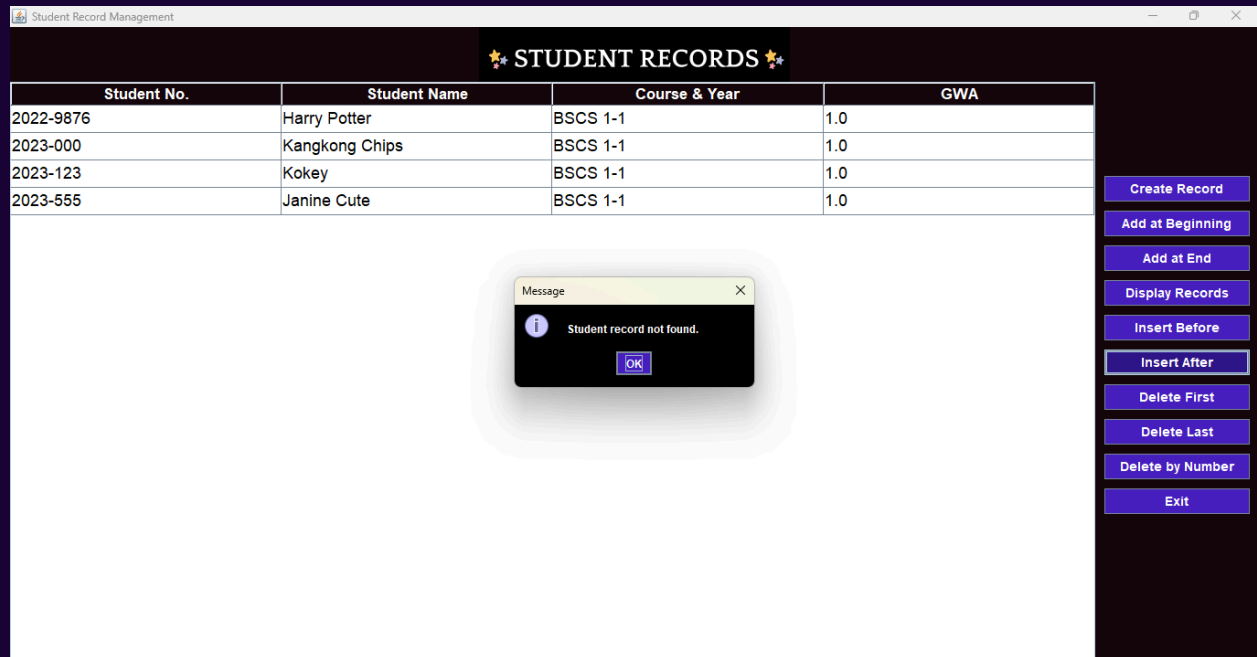
Input

?

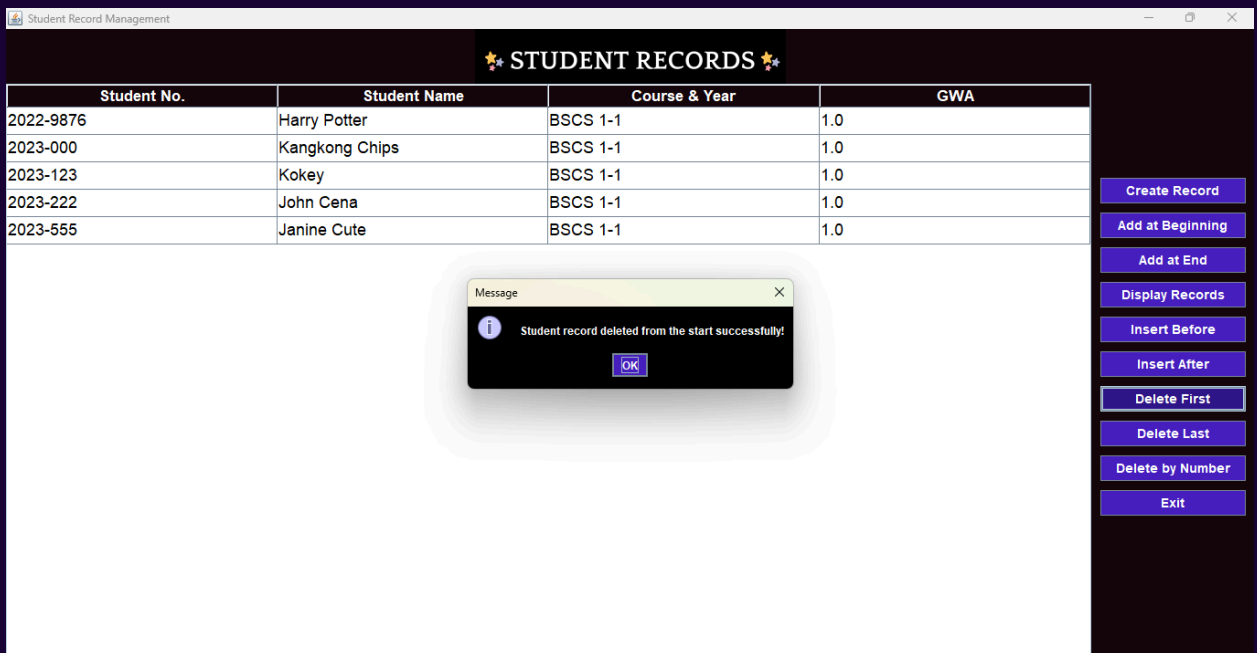
Enter student number to insert after:

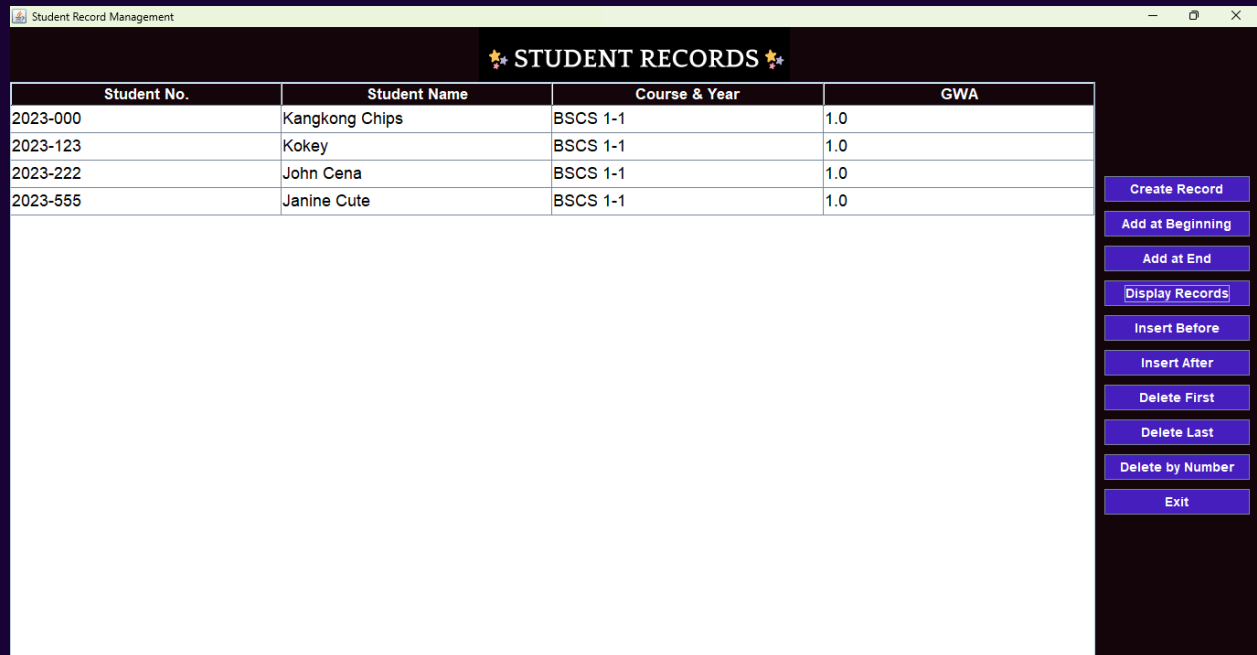
90000

OKCancel

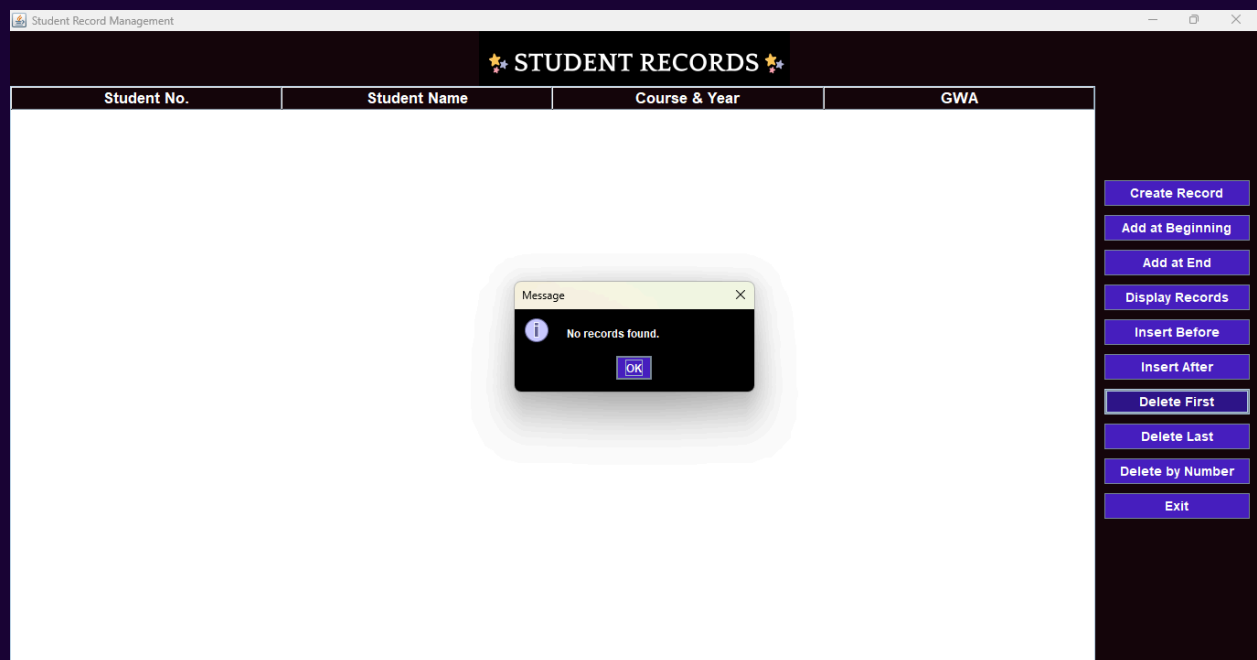


Delete a Record at the Start





(if empty list)



Delete a Record at the End

The screenshot shows the 'Student Record Management' application window. The title bar reads 'Student Record Management'. The main window has a dark blue header with the text 'STUDENT RECORDS' flanked by yellow star icons. Below the header is a table with four columns: 'Student No.', 'Student Name', 'Course & Year', and 'GWA'. The table contains four rows of data:

Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-222	John Cena	BSCS 1-1	1.0
2023-555	Janine Cute	BSCS 1-1	1.0

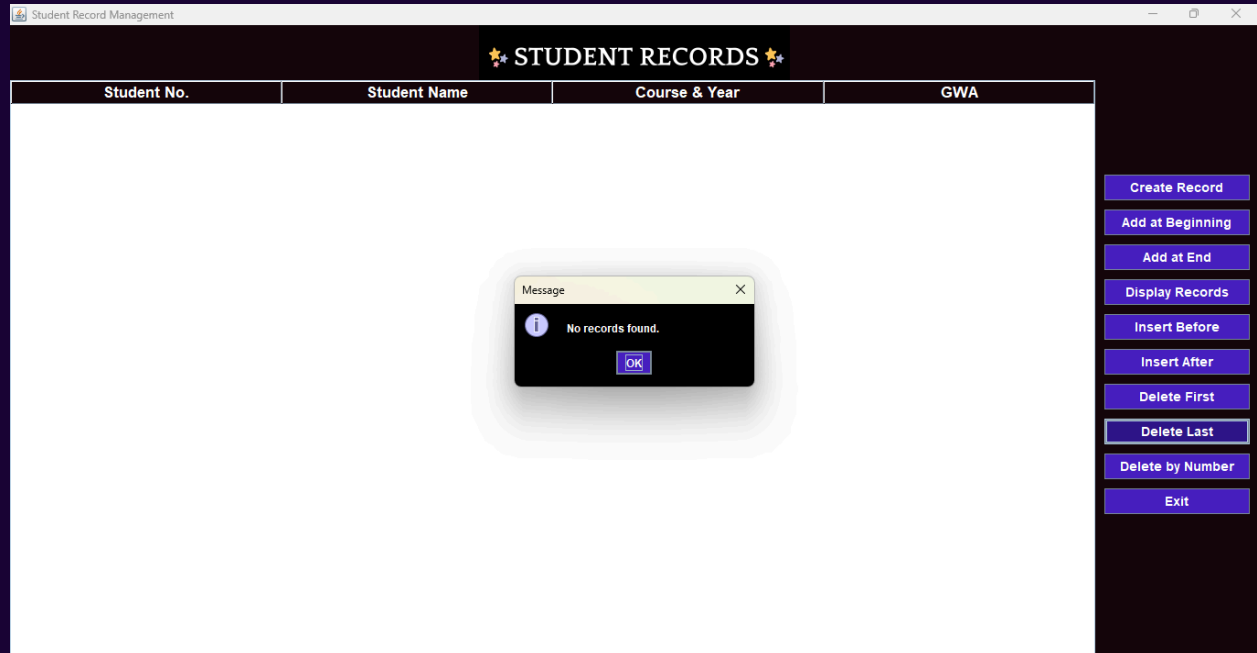
Below the table, a message dialog box is displayed with the text: 'Student record deleted from the end successfully!'. The dialog box has an 'OK' button. To the right of the table, there is a vertical list of buttons: 'Create Record', 'Add at Beginning', 'Add at End', 'Display Records', 'Insert Before', 'Insert After', 'Delete First', 'Delete Last', 'Delete by Number', and 'Exit'. The 'Delete Last' button is highlighted with a blue border.

The screenshot shows the 'Student Record Management' application window after deleting the last record. The table now contains only three rows of data:

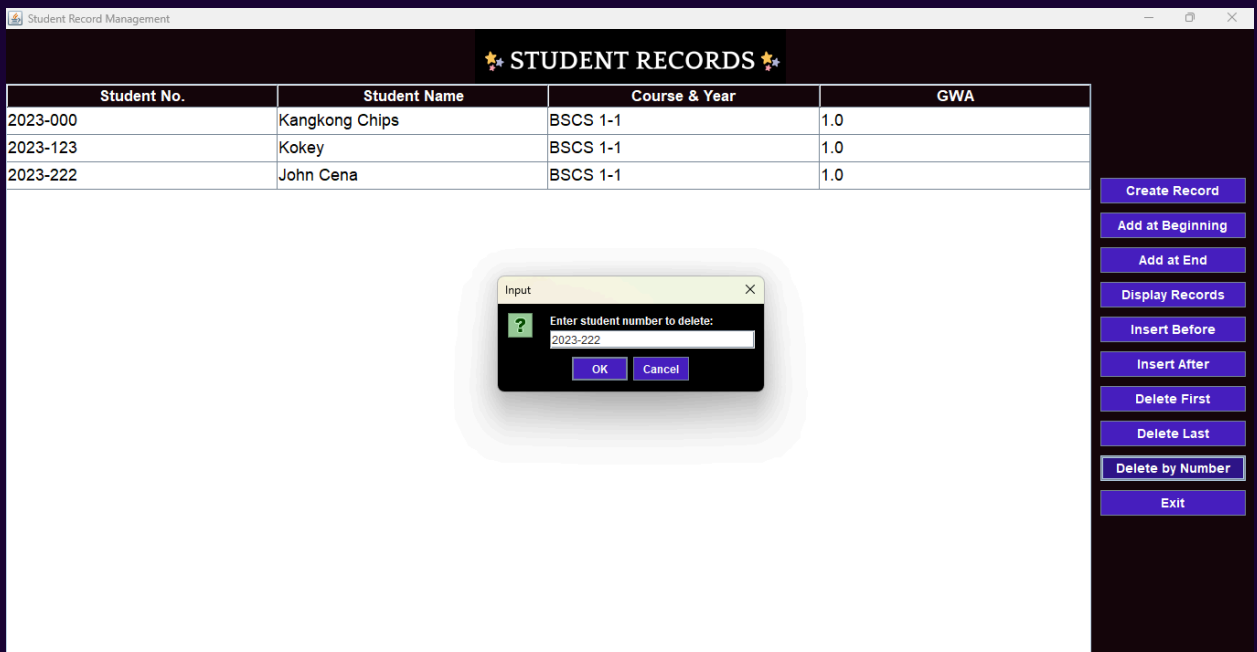
Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-222	John Cena	BSCS 1-1	1.0

The 'Delete Last' button remains highlighted with a blue border.

(if empty list)



Delete a Record by a Specific Student Number



Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0
2023-222	John Cena	BSCS 1-1	1.0

Message

Student record deleted successfully!

OK

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

Delete First

Delete Last

Delete by Number

Exit

Student Record Management

STUDENT RECORDS

Student No.	Student Name	Course & Year	GWA
2023-000	Kangkong Chips	BSCS 1-1	1.0
2023-123	Kokey	BSCS 1-1	1.0

Create Record

Add at Beginning

Add at End

Display Records

Insert Before

Insert After

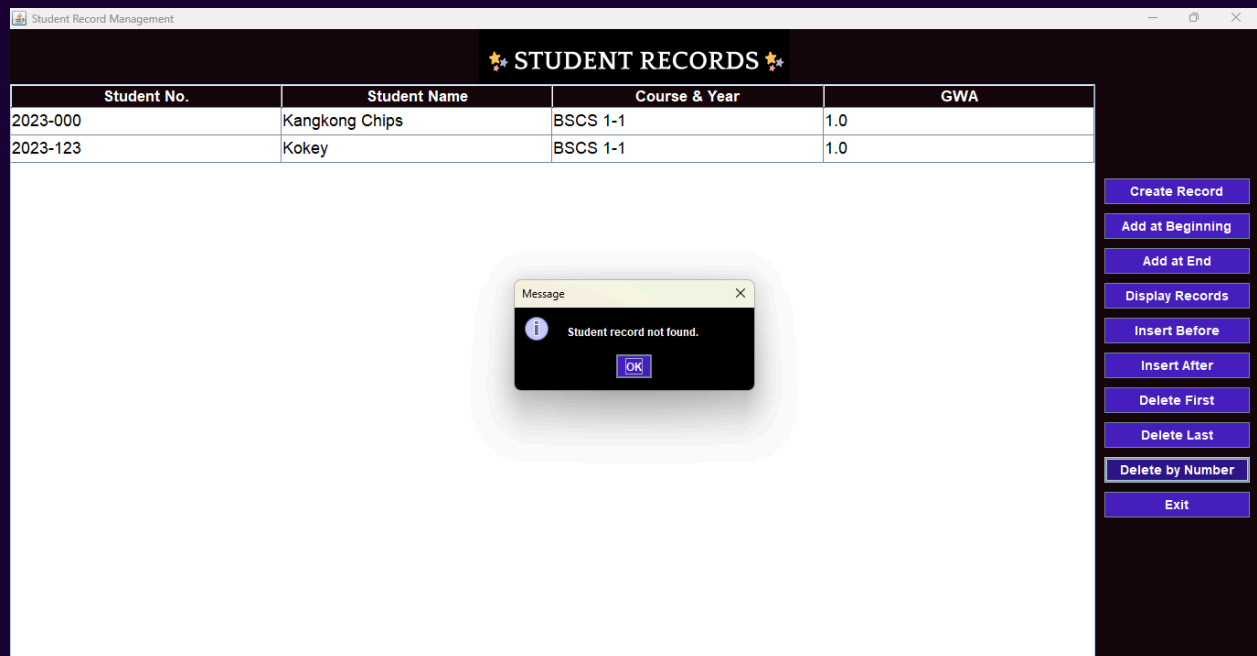
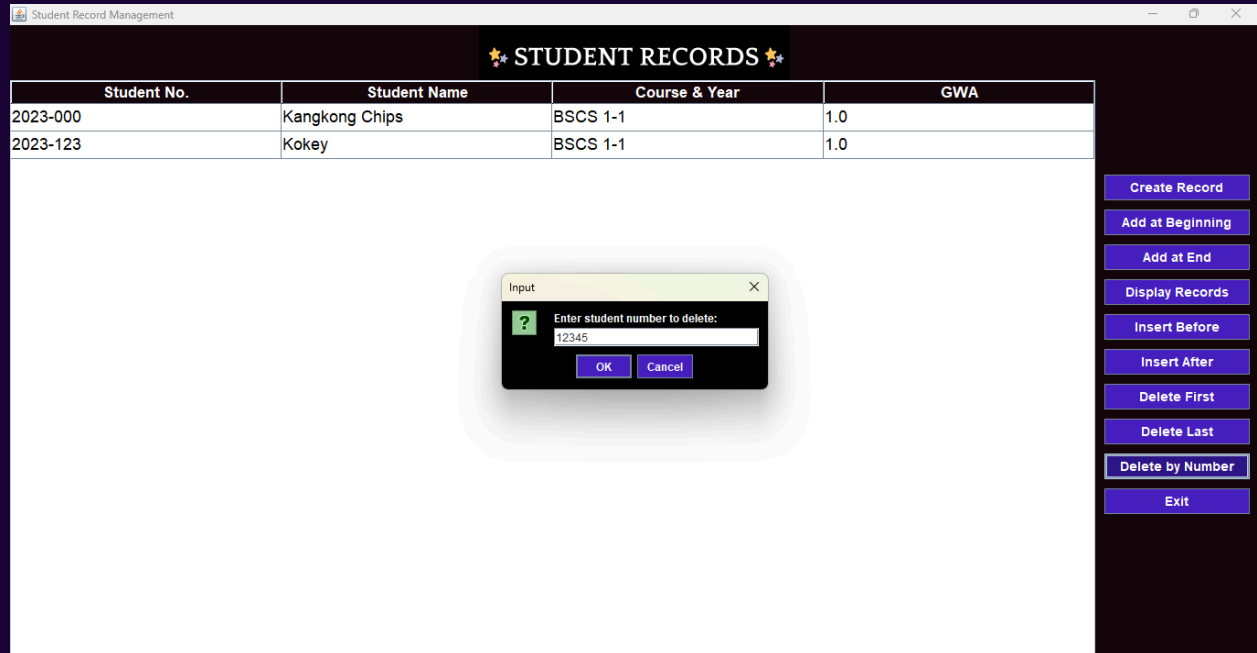
Delete First

Delete Last

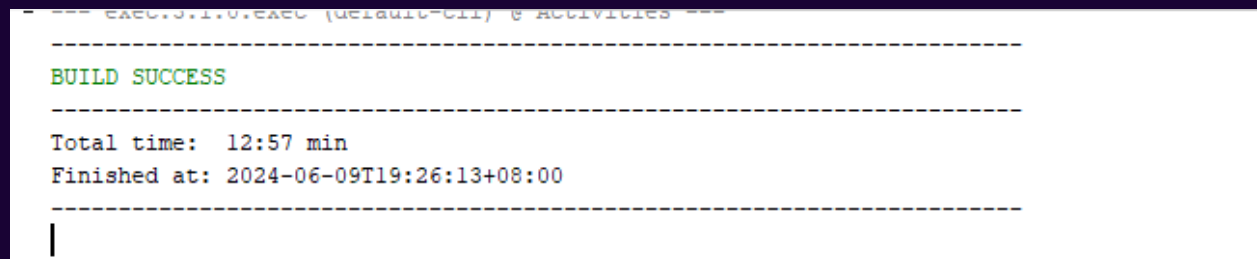
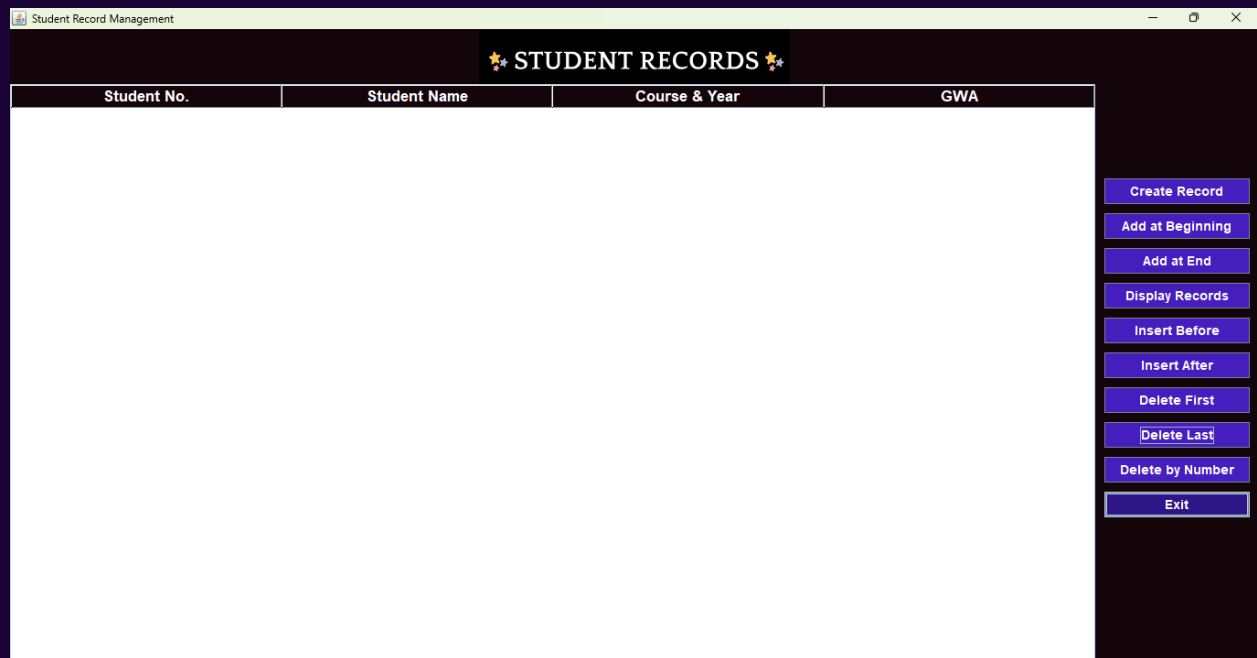
Delete by Number

Exit

(If not found)



Exit



Disclaimer

All names, student numbers, and grades used in presenting the outputs are entirely fictitious and do not represent any real individuals or actual data. This work was done solely for academic purposes. Any resemblance to real persons, living or dead, is purely coincidental.