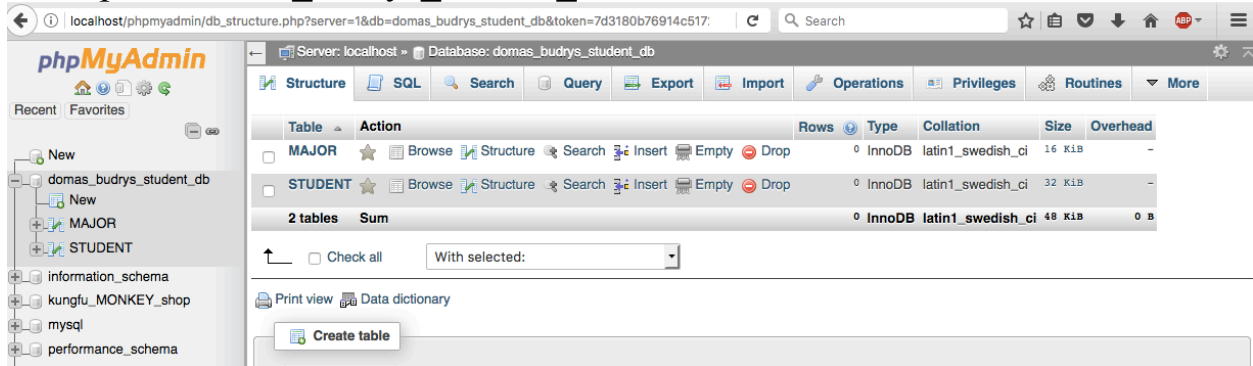
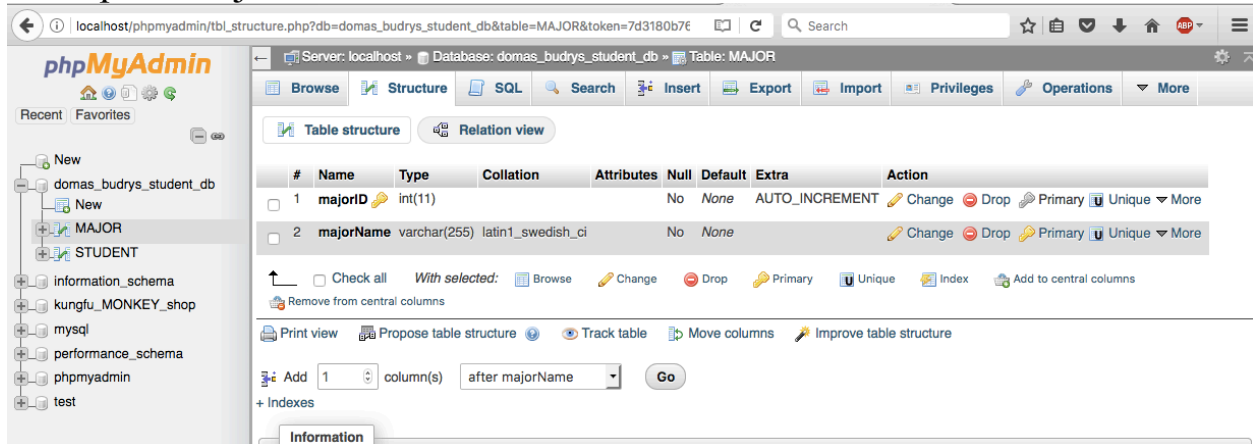


Question 1:

Example: “domas_budrys_student_db” database and the tables



Example: “major” table structure



Example: “student” table structure

The screenshot shows the phpMyAdmin interface for the 'STUDENT' table. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	studentID	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique More
2	majorID	int(11)			No	None		Change Drop Primary Unique More
3	firstName	varchar(255)	latin1_swedish_ci		No	None		Change Drop Primary Unique More
4	lastName	varchar(255)	latin1_swedish_ci		No	None		Change Drop Primary Unique More
5	gender	char(1)	latin1_swedish_ci		No	None		Change Drop Primary Unique More

Below the table structure, there is an 'Information' section with two sub-sections:

Space usage	
Data	16 KiB
Index	16 KiB
Total	32 KiB

Row statistics	
Format	Compact
Collation	latin1_swedish_ci
Next autoindex	1
Creation	Mar 19, 2017 at 05:32 PM

Example: records in “major” table

The screenshot shows the phpMyAdmin interface for the 'MAJOR' table. The table contains the following records:

majorID	majorName
1	Computer Science
2	Electrical Engineering
3	Business

Example: records in “student” table

The screenshot shows the phpMyAdmin interface for the 'domas_budrys_student_db' database. The 'STUDENT' table is selected, and the 'Browse' tab is active. The table contains 11 rows of data. The interface includes a sidebar with a database tree, a top navigation bar with tabs like 'Browse', 'Structure', 'SQL', etc., and a main content area displaying the table data.

Showing rows 0 - 8 (9 total, Query took 0.0010 seconds.)

SELECT * FROM 'STUDENT'

Number of rows: 25 Filter rows: Search this table

Sort by key: None

	studentID	majorID	firstName	lastName	gender
<input type="checkbox"/> Edit Copy Delete	1	1	PO	BLACK	M
<input type="checkbox"/> Edit Copy Delete	2	1	SHIFU	HOFFMAN	M
<input type="checkbox"/> Edit Copy Delete	3	1	TIGRESS	JOLIE	F
<input type="checkbox"/> Edit Copy Delete	4	1	JENNIFER	YUH	F
<input type="checkbox"/> Edit Copy Delete	6	2	MONKEY	CHAN	M
<input type="checkbox"/> Edit Copy Delete	8	2	MANTIS	ROGEN	M
<input type="checkbox"/> Edit Copy Delete	9	3	CRANE	CROSS	M
<input type="checkbox"/> Edit Copy Delete	10	3	OOGWAY	KIM	M
<input type="checkbox"/> Edit Copy Delete	11	3	PING	HONG	M

Example: data privileges for user budrys1

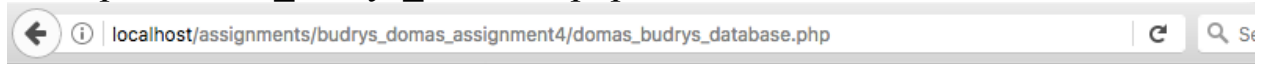
The screenshot shows the phpMyAdmin interface for the 'Server: localhost' page. The 'User accounts' tab is active, and the 'Edit privileges' page for the user account 'budrys1'@'localhost' is displayed. The 'Database-specific privileges' section shows the privileges granted to the user for the 'domas_budrys_student_db' database.

Edit privileges: User account 'budrys1'@'localhost'

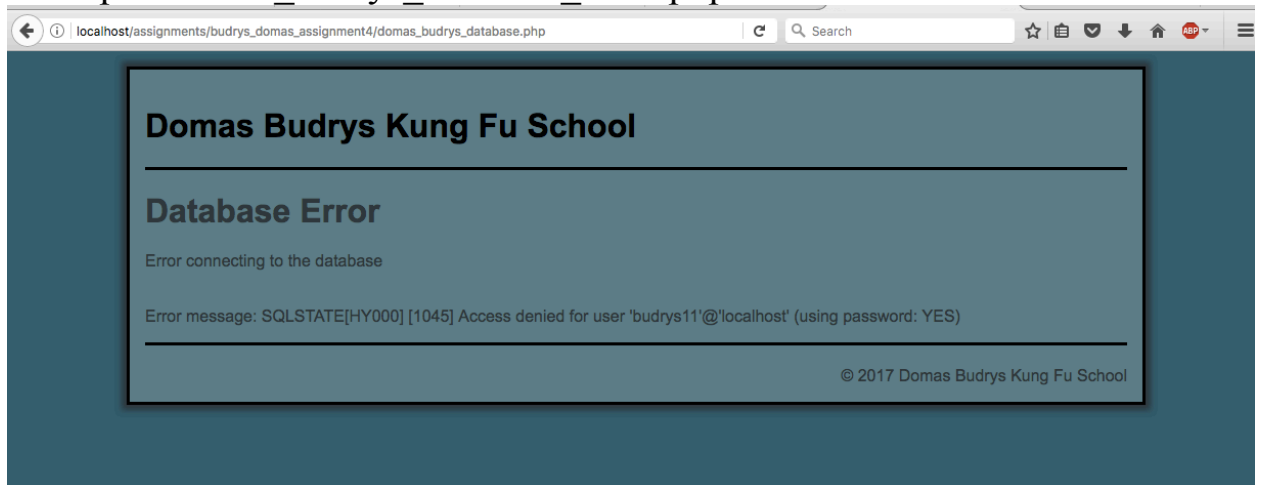
Database	Privileges	Grant	Table-specific privileges	Action
domas_budrys_student_db	SELECT, INSERT, UPDATE, DELETE	No	No	Edit privileges Revoke

Question 2:

Example: domas_budrys_database.php



Example: domas_budrys_database_error.php



Example: index.php (first major is selected/clicked)

The screenshot shows a web browser at localhost/assignments/budrys_domas_assignment4/?majorID=1. The page title is 'Domas Budrys Kung Fu School - Students'. Below the title is a 'Student List' section. On the left, under 'Majors', are links for 'Computer Science' (selected), 'Electrical Engineering', and 'Business'. The main content area displays a table for 'Computer Science' students. The table has columns for Student ID, First Name, Last Name, Gender, and a Delete button. There are four rows of student data. Below the table are links for 'Add Student' and 'List / Add Student'. The footer shows '© 2017 Domas Budrys Kung Fu School'.

Student ID	First Name	Last Name	Gender	
1	PO	BLACK	M	Delete
2	SHIFU	HOFFMAN	M	Delete
3	TIGRESS	JOLIE	F	Delete
4	JENNIFER	YUH	F	Delete

Example: index.php (second major is selected/clicked)

The screenshot shows the same web application but with the 'Electrical Engineering' major selected. The URL is localhost/assignments/budrys_domas_assignment4/?majorID=2. The 'Student List' section now displays a table for 'Electrical Engineering' students. The table structure is identical to the first screenshot, with columns for Student ID, First Name, Last Name, Gender, and a Delete button. There are two rows of student data. The 'Majors' list on the left remains the same, with 'Computer Science' still selected. The footer shows '© 2017 Domas Budrys Kung Fu School'.

Student ID	First Name	Last Name	Gender	
6	MONKEY	CHAN	M	Delete
8	MANTIS	ROGEN	M	Delete

Example: index.php (third major is selected/clicked)

localhost/assignments/budrys_domas_assignment4/?majorID=3

Search

Domas Budrys Kung Fu School - Students

Student List

Majors

[Computer Science](#)

[Electrical Engineering](#)

[Business](#)

Student ID	First Name	First Name	Gender	
9	CRANE	CROSS	M	Delete
10	OOGWAY	KIM	M	Delete
11	PING	HONG	M	Delete

[Add Student](#)

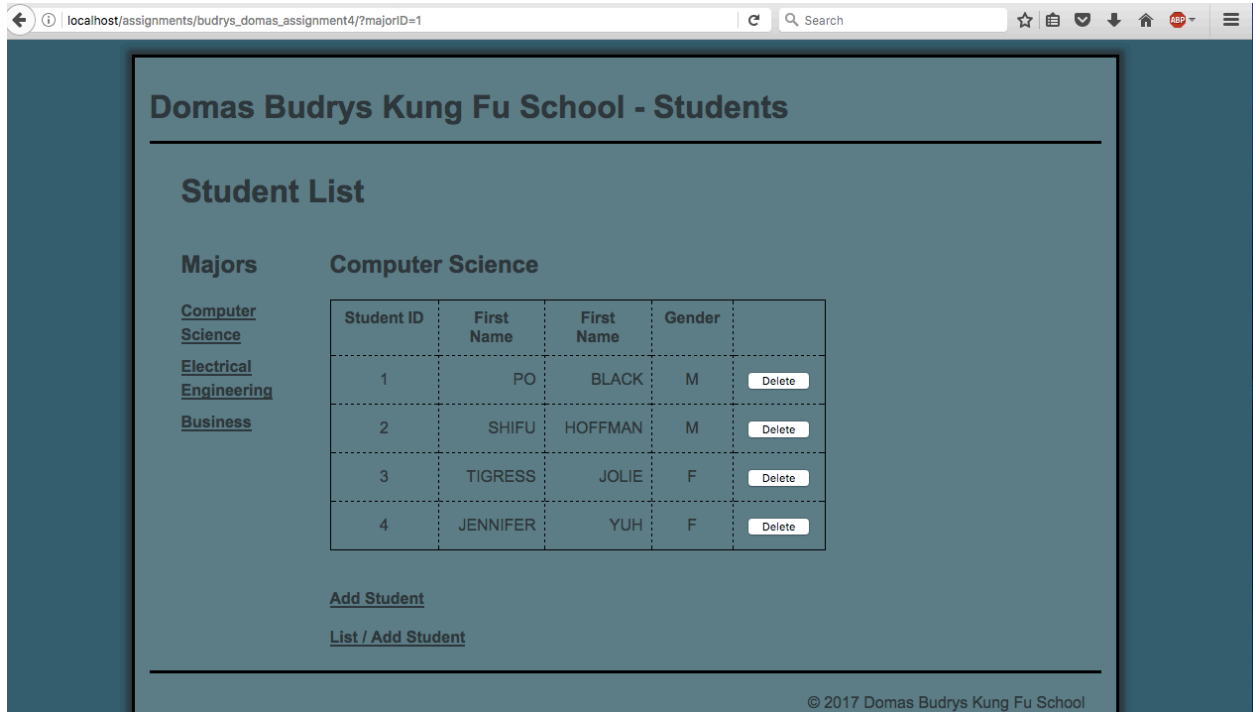
[List / Add Student](#)

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localhost/assignments/budrys_domas_assignment4/?majorID=3

Question 3:

Example: index.php, before deletion, click on the delete button on Student ID 4

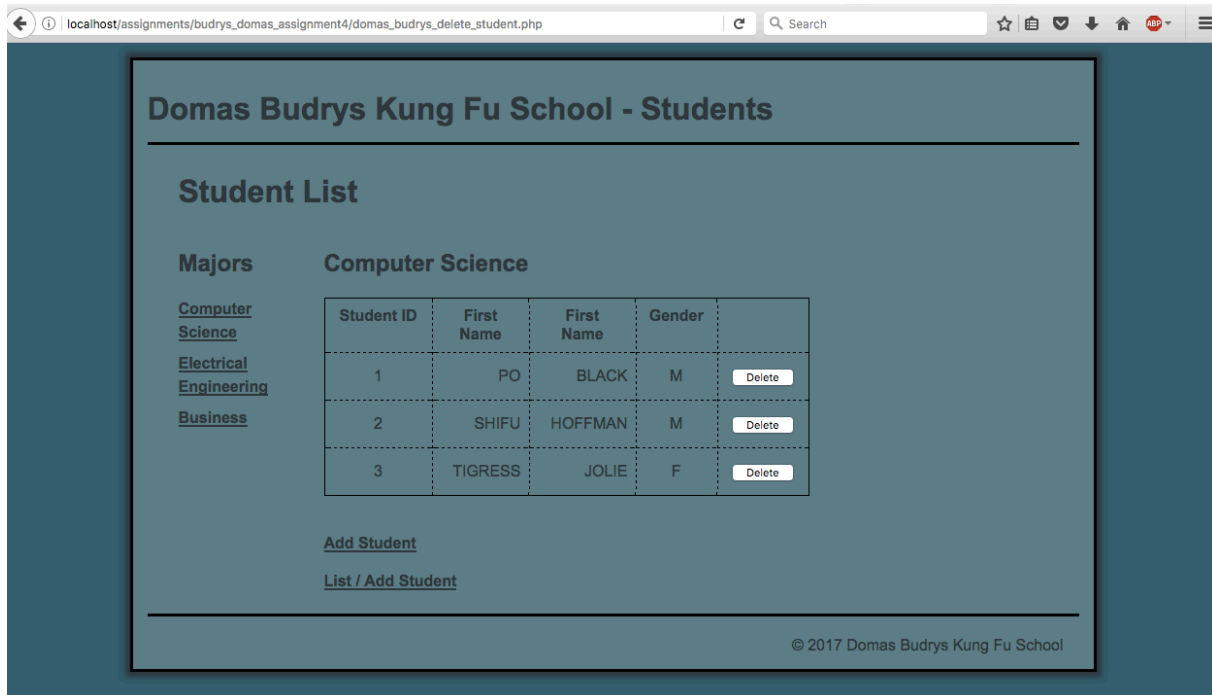


The screenshot shows a web browser at the URL `localhost/assignments/budrys_domas_assignment4/?majorID=1`. The page title is "Domas Budrys Kung Fu School - Students". Under the heading "Student List", there is a sidebar for "Majors" with links for "Computer Science", "Electrical Engineering", and "Business". The "Computer Science" link is active. The main content area displays a table of students:

Student ID	First Name	First Name	Gender	
1	PO	BLACK	M	Delete
2	SHIFU	HOFFMAN	M	Delete
3	TIGRESS	JOLIE	F	Delete
4	JENNIFER	YUH	F	Delete

Below the table are links for "Add Student" and "List / Add Student". The footer indicates "© 2017 Domas Budrys Kung Fu School".

Example: After deletion, student ID 4 was deleted



The screenshot shows the same web browser at the URL `localhost/assignments/budrys_domas_assignment4/domas_budrys_delete_student.php`. The page title remains "Domas Budrys Kung Fu School - Students". The "Student List" section is identical to the previous screenshot, but the table now only contains three students, as Student ID 4 has been removed:

Student ID	First Name	First Name	Gender	
1	PO	BLACK	M	Delete
2	SHIFU	HOFFMAN	M	Delete
3	TIGRESS	JOLIE	F	Delete

The "Add Student" and "List / Add Student" links are still present, as is the footer "© 2017 Domas Budrys Kung Fu School".

Example: index.php, before deletion, click on the delete button on Student ID 15

The screenshot shows a web browser at the URL `localhost/assignments/budrys_domas_assignment4/domas_budrys_add_student.php`. The page has a dark blue header with the title "Domas Budrys Kung Fu School - Students". Below the header is a section titled "Student List". On the left, under "Majors", there are links for "Computer Science", "Electrical Engineering", and "Business". The "Electrical Engineering" link is selected. A table displays student information:

Student ID	First Name	First Name	Gender	
6	MONKEY	CHAN	M	Delete
8	MANTIS	ROGEN	M	Delete
15	DOMAS	BUDRYS	M	Delete

Below the table are links for "Add Student" and "List / Add Student". The footer of the page reads "© 2017 Domas Budrys Kung Fu School".

Example: After deletion, student ID 4 was deleted

The screenshot shows the same web browser, but the URL is `localhost/assignments/budrys_domas_assignment4/domas_budrys_delete_student.php?majorID=2`. The page layout is identical to the previous one, but the student with ID 15 has been removed from the table:

Student ID	First Name	First Name	Gender	
6	MONKEY	CHAN	M	Delete
8	MANTIS	ROGEN	M	Delete

The "Add Student" and "List / Add Student" links remain at the bottom of the table section. The footer still reads "© 2017 Domas Budrys Kung Fu School".

Question 4:

Example: domas_budrys_add_student_form.php

The screenshot shows a web browser window with the address bar displaying `localhost/assignments/budrys_domas_assignment4/domas_budrys_add_student_form.php`. The page content is a form titled "Domas Budrys Kung Fu School - Add Student". Below the title is a section titled "Add Student". This section contains four labeled input fields: "Major:", "First Name:", "Last Name:", and "Gender:". Each field has a dropdown menu. The "Major:" dropdown is open, showing three options: "Computer Science" (which is selected and has a checkmark), "Electrical Engineering", and "Business". Below these fields is a button labeled "Add Student". Under the button is a link labeled "View All Students". At the bottom right of the form area, there is a copyright notice: "© 2017 Domas Budrys Kung Fu School".

Example: domas_budrys_add_student_form.php, user input

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment4/domas_budrys_add_student_form.php`. The page title is "Domas Budrys Kung Fu School - Add Student". The form is titled "Add Student" and contains the following fields:

- Major: A dropdown menu with "Computer Science" selected.
- First Name: A text input field containing "JENNY".
- Last Name: A text input field containing "CHAN".
- Gender: A dropdown menu with "Female" selected.
- An "Add Student" button.
- A link labeled "View All Students".

At the bottom right, there is a copyright notice: "© 2017 Domas Budrys Kung Fu School".

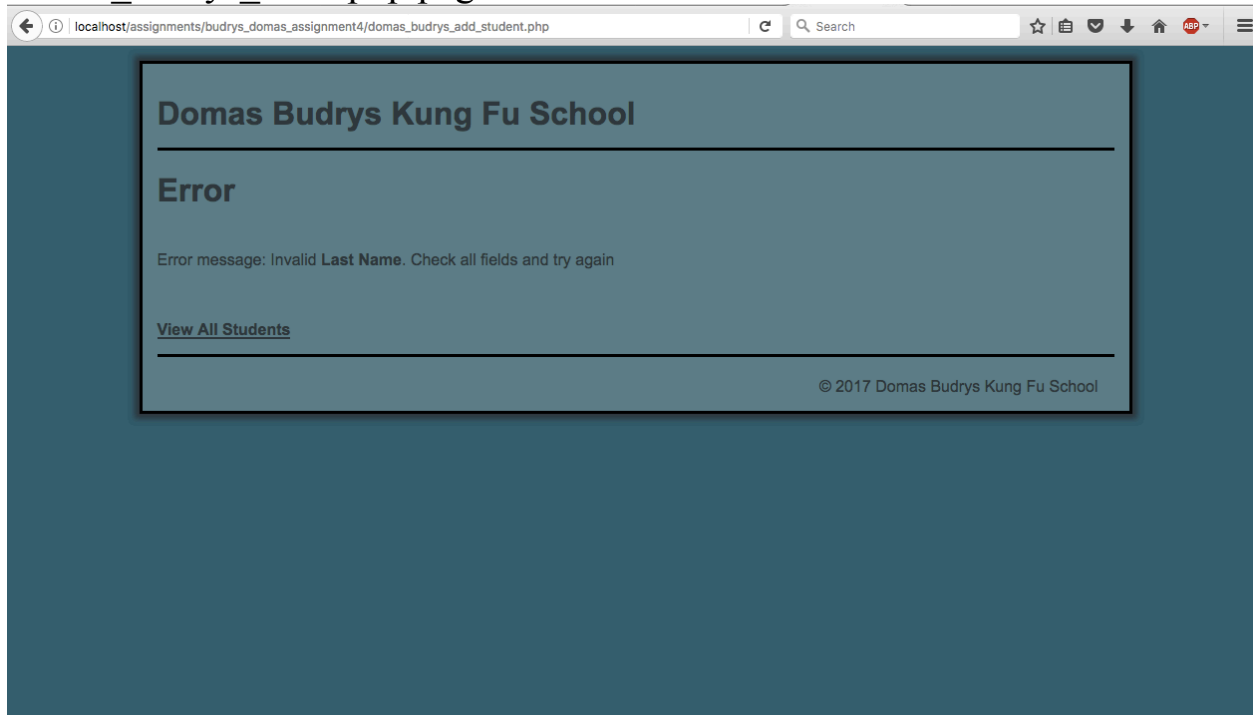
Example: after successfully adding student record

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment4/domas_budrys_add_student.php`. The page title is "Domas Budrys Kung Fu School - Students". The page is titled "Student List" and displays a table of students. The table has columns for Student ID, First Name, Last Name, Gender, and a Delete button. The table is filtered by the major "Computer Science".

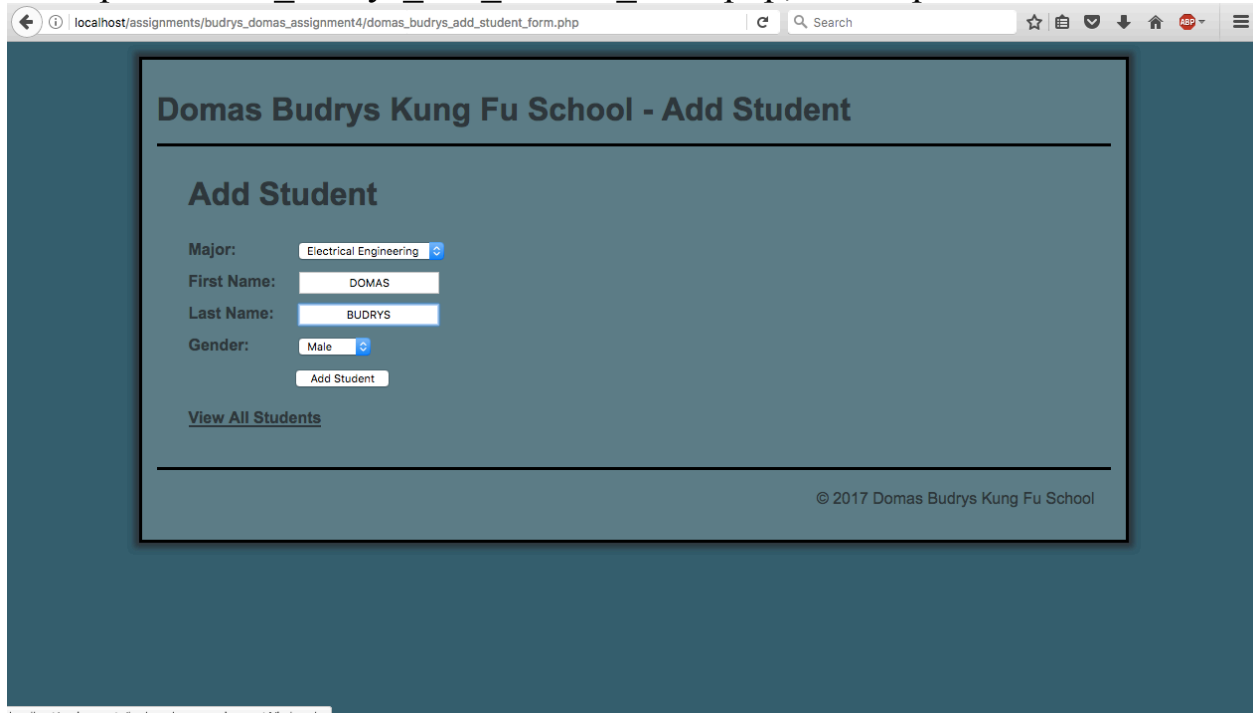
Student ID	First Name	Last Name	Gender	
1	PO	BLACK	M	Delete
2	SHIFU	HOFFMAN	M	Delete
3	TIGRESS	JOLIE	F	Delete
13	JENNY	CHAN	F	Delete

Below the table, there are links for "Add Student" and "List / Add Student". At the bottom right, there is a copyright notice: "© 2017 Domas Budrys Kung Fu School".

Example: domas_budrys_error.php page: If any textbox is left empty, domas_budrys_error.php page will be shown.



Example: domas_budrys_add_student_form.php, user input



Example: after successfully adding student record

localhost/assignments/budrys_domas_assignment4/domas_budrys_add_student.php

Domas Budrys Kung Fu School - Students

Student List

Majors

- [Computer Science](#)
- [Electrical Engineering](#)
- [Business](#)

Electrical Engineering

Student ID	First Name	First Name	Gender	
6	MONKEY	CHAN	M	Delete
8	MANTIS	ROGEN	M	Delete
15	DOMAS	BUDRYS	M	Delete

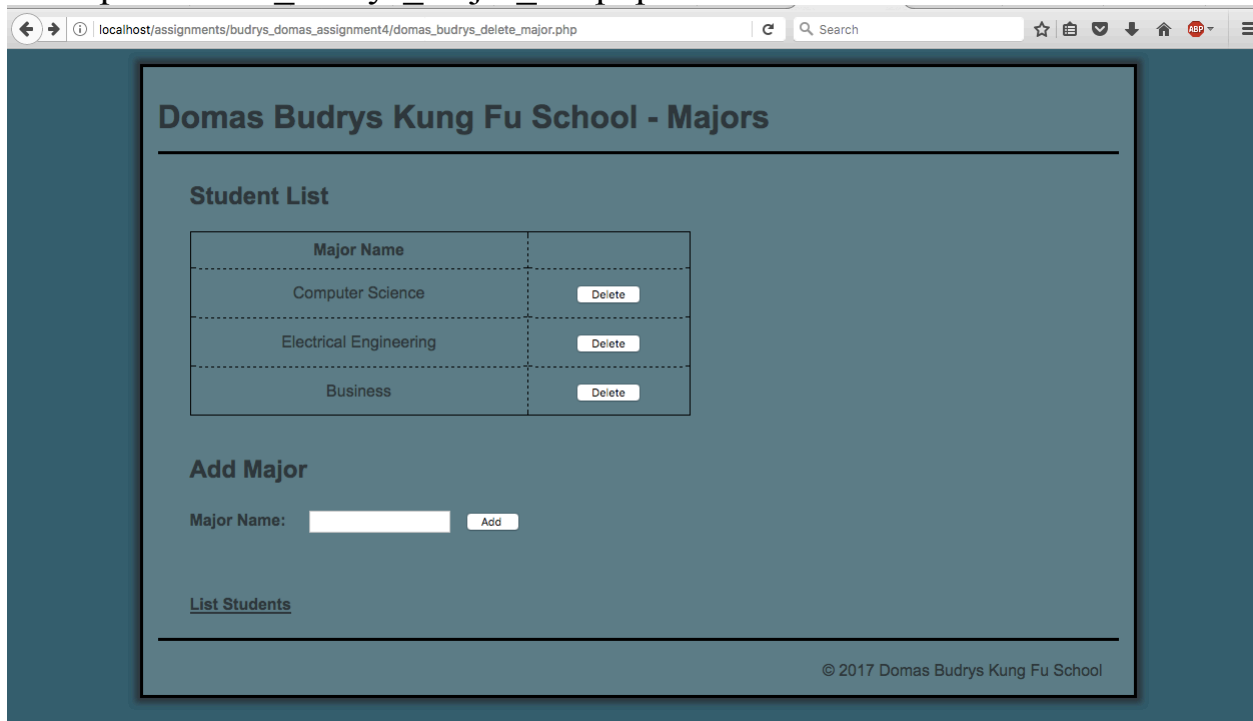
[Add Student](#)

[List / Add Student](#)

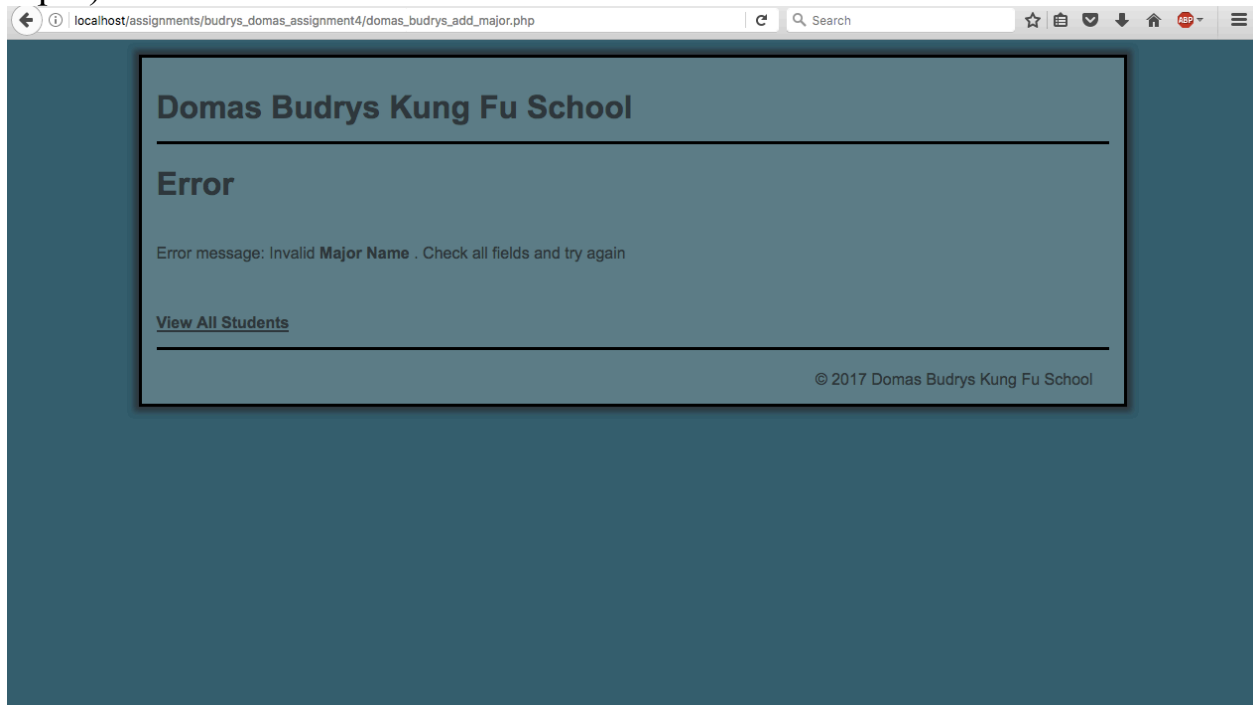
© 2017 Domas Budrys Kung Fu School

Question 5:

Example: domas_budrys_major_list.php



Example: domas_budrys_error.php (user click on “Add” without textbox input)



Example: domas_budrys_major_list.php (user input “biology”)

localhost/assignments/budrys_domas_assignment4/domas_budrys_delete_major.php

Domas Budrys Kung Fu School - Majors

Student List

Major Name	
Computer Science	Delete
Electrical Engineering	Delete
Business	Delete

Add Major

Major Name:

[List Students](#)

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Example: domas_budrys_major_list.php (after user input)

localhost/assignments/budrys_domas_assignment4/domas_budrys_add_major.php

Domas Budrys Kung Fu School - Majors

Student List

Major Name	
Computer Science	Delete
Electrical Engineering	Delete
Business	Delete
Biology	Delete

Add Major

Major Name:

[List Students](#)

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Example: domas_budrys_major_list.php (user to click on “Delete” next to “biology”)

