

Assignment 5 – Domas Budrys

Question 1:

Example: “richard_ricardo_student_db” database and the tables

The screenshot shows the phpMyAdmin interface for the database 'domas_budrys_student_db'. The left sidebar shows the database structure with 'MAJOR' and 'STUDENT' tables. The main panel displays the 'Structure' tab for the database. It shows two tables: 'MAJOR' and 'STUDENT'. The 'MAJOR' table has 3 rows, InnoDB engine, latin1_swedish_ci collation, and a size of 16 KiB. The 'STUDENT' table has 8 rows, InnoDB engine, latin1_swedish_ci collation, and a size of 32 KiB. Below the table list, there is a 'Create table' section with a 'Name' field and a 'Number of columns' dropdown set to 4. A 'Go' button is at the bottom right.

Table	Action	Rows	Type	Collation	Size	Overhead
MAJOR	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KiB	-
STUDENT	Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	32 KiB	-
2 tables	Sum	11	InnoDB	latin1_swedish_ci	48 KiB	0 B

Example: “major” table structure

The screenshot shows the phpMyAdmin interface for the 'MAJOR' table. The left sidebar shows the database structure with 'MAJOR' and 'STUDENT' tables. The main panel displays the 'Structure' tab for the table. It shows two columns: 'majorID' (int(11)) and 'majorName' (varchar(255)). The 'majorID' column is the primary key. Below the column list, there is a 'Table structure' section with a 'Name' field and a 'Number of columns' dropdown set to 1. A 'Go' button is at the bottom right.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	majorID	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial More
2	majorName	varchar(255)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial More

re

Example: “student” table structure

The screenshot shows the phpMyAdmin interface for the 'STUDENT' table. The left sidebar displays the database structure, including 'domas_budrys_student_db' and its tables: 'MAJOR' and 'STUDENT'. The main panel shows the 'Table structure' view for the 'STUDENT' table. The table has five columns: 'studentID' (int(11), primary, unique, index, spatial), 'majorID' (int(11), primary, unique, index, spatial), 'firstName' (varchar(255), latin1_swedish_ci, primary, unique, index, spatial), 'lastName' (varchar(255), latin1_swedish_ci, primary, unique, index, spatial), and 'gender' (char(1), latin1_swedish_ci, primary, unique, index, spatial). The 'Action' column provides links for 'Change', 'Drop', 'Primary', 'Unique', 'Index', and 'Spatial' for each column.

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

Example: records in “major” table

The screenshot shows the phpMyAdmin interface for the 'MAJOR' table. The left sidebar displays the database structure, including 'domas_budrys_student_db' and its tables: 'MAJOR' and 'STUDENT'. The main panel shows the 'Table structure' view for the 'MAJOR' table. The table has two columns: 'majorID' (int(11), primary, unique, index, spatial) and 'majorName' (varchar(255), latin1_swedish_ci, primary, unique, index, spatial). The 'Action' column provides links for 'Change', 'Drop', 'Primary', 'Unique', 'Index', and 'Spatial' for each column.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	majorID	int(11)			No	None		Change Drop Primary Unique Index Spatial More
2	majorName	varchar(255)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial More

Showing rows 0 - 2 (3 total, Query took 0.0008 seconds.) [majorID: 1... - 3...]

`SELECT * FROM 'MAJOR' ORDER BY 'majorID' ASC`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Sort by key: PRIMARY (Ascending)

+ Options

majorID	majorName
1	Computer Science
2	Electrical Engineering
3	Business

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Example: “records” in student table

The screenshot shows the phpMyAdmin interface for the database `domas_budrys_student_db`. The left sidebar displays the database structure, including the `STUDENT` table. The main panel shows the `STUDENT` table with 8 rows. The table structure is as follows:

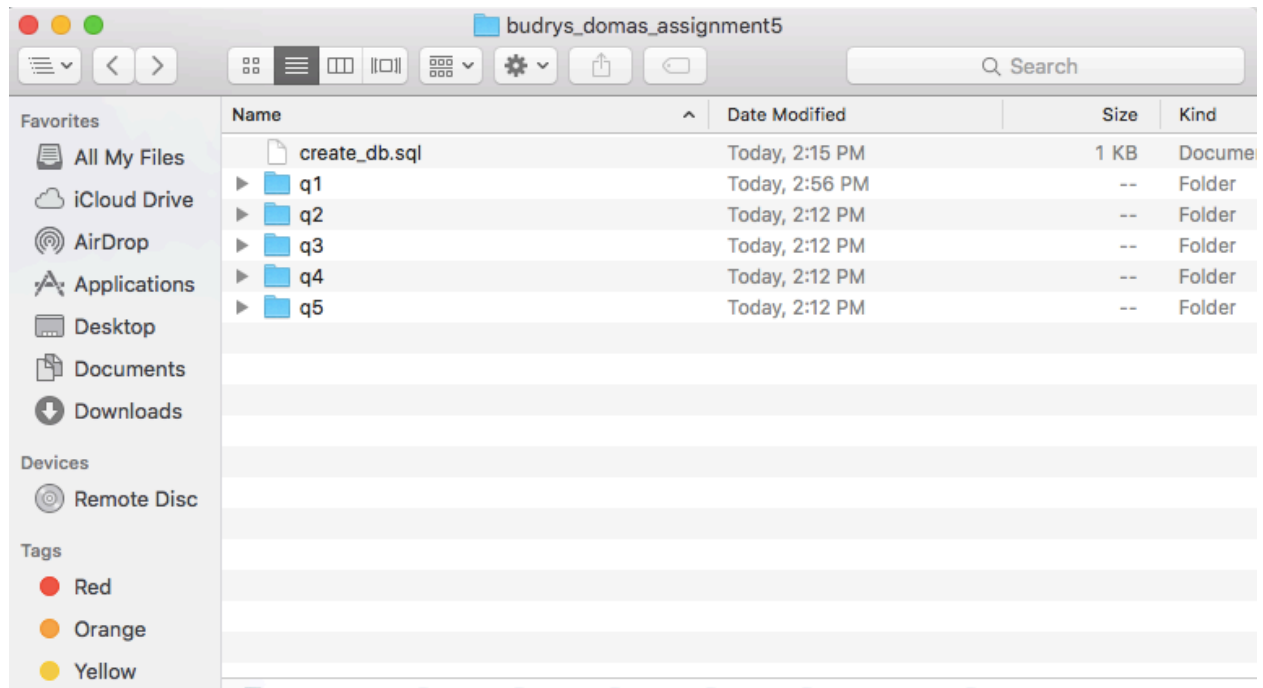
studentID	majorID	firstName	lastName	gender
1	1	PO	BLACK	M
2	1	SHIFU	HOFFMAN	M
3	1	TIGRESS	JOLIE	F
6	2	MONKEY	CHAN	M
8	2	MANTIS	ROGEN	M
9	3	CRANE	CROSS	M
10	3	OOGWAY	KIM	M
11	3	PING	HONG	M

Example: data privileges for user **richardricardo1** (same as last assignment)

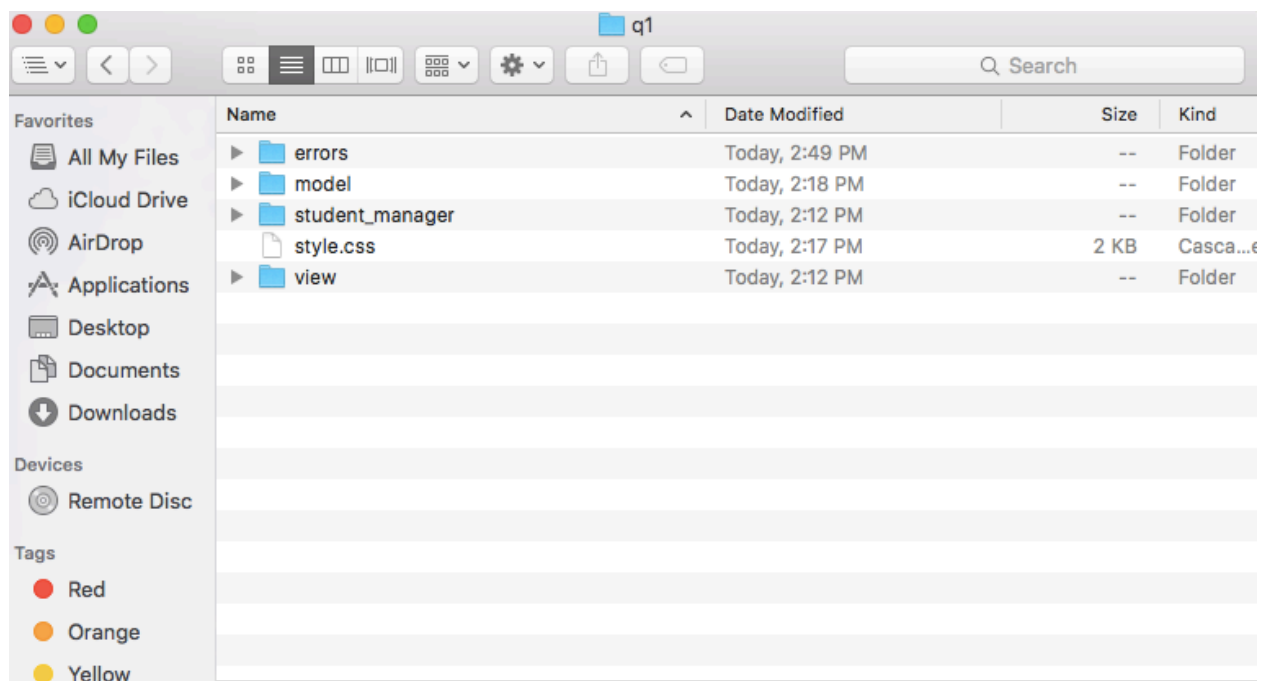
The screenshot shows the phpMyAdmin interface for the database `domas_budrys_student_db`. The left sidebar displays the database structure, including the `STUDENT` table. The main panel shows the `STUDENT` table with 8 rows. The table structure is as follows:

studentID	majorID	firstName	lastName	gender
1	1	PO	BLACK	M
2	1	SHIFU	HOFFMAN	M
3	1	TIGRESS	JOLIE	F
6	2	MONKEY	CHAN	M
8	2	MANTIS	ROGEN	M
9	3	CRANE	CROSS	M
10	3	OOGWAY	KIM	M
11	3	PING	HONG	M

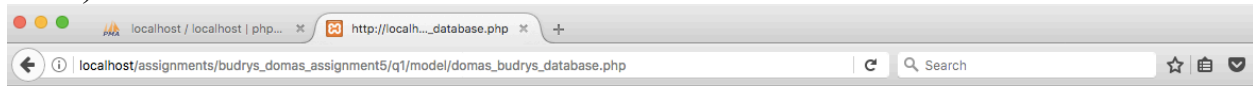
Example: folder/file structure



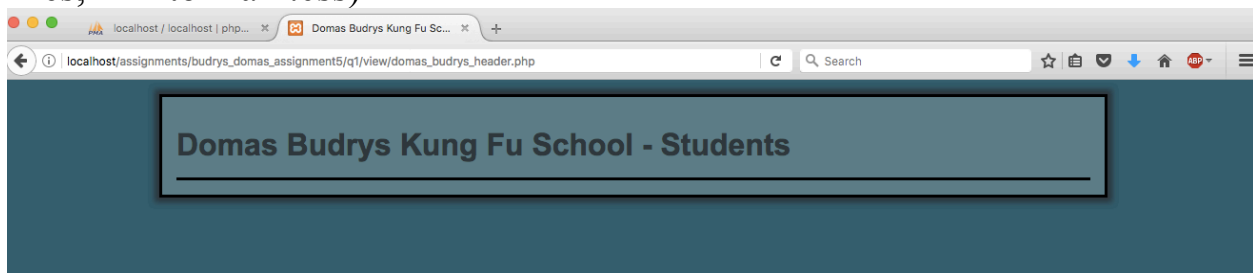
Example: folder/file structure



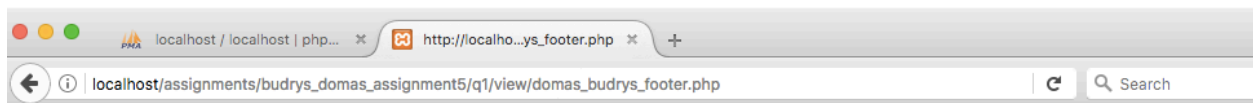
Example: \model\domas_budrys_database.php (shows nothing, only has php code)



Example: \view\ domas_budrys_header.php (common header for all view files, link to main.css)

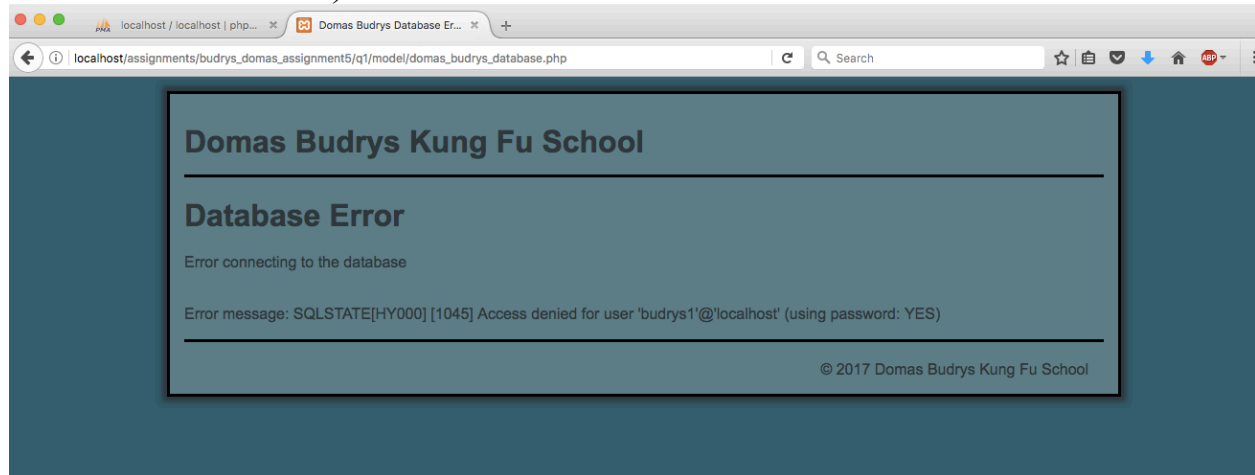


Example: \view\domas_budrys_footer.php (common footer for all view files)

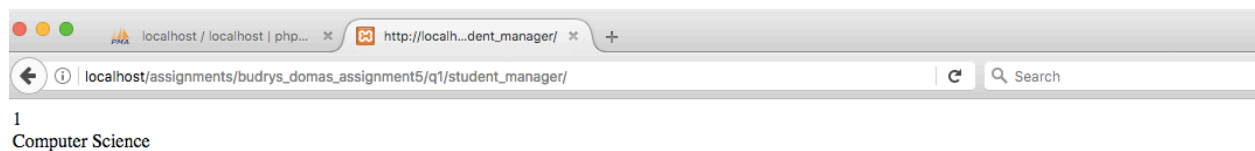


© 2017 Domas Budrys Kung Fu School

Example: \model\domas_budrys_database.php (it shows \errors\domas_budrys_database_error.php, if something is wrong with database connection)



Example: \student_manager\index.php



Question 2:

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

The screenshot shows a web browser at the URL `localhost/assignments/budrys_domas_assignment5/q2/student_manager/?majorID=1`. The page title is "Domas Budrys Kung Fu School - Students". Under the heading "Student List", there is a "Majors" section with links for "Computer Science", "Electrical Engineering", and "Business". The "Computer Science" link is underlined, indicating it is selected. To the right, a table lists students for the Computer Science major. The table has columns for Student ID, First Name, Last Name, Gender, and a Delete button. The data rows are:

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

Below the table is a link "Add Student". At the bottom right, the copyright notice "© 2017 Domas Budrys Kung Fu School" is visible.

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

The screenshot shows the same web application but with the "Electrical Engineering" link underlined in the "Majors" section. The URL in the browser is `localhost/assignments/budrys_domas_assignment5/q2/student_manager/?majorID=2`. The table now lists students for the Electrical Engineering major:

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

The "Add Student" link and the copyright notice "© 2017 Domas Budrys Kung Fu School" are also present in this view.

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

Domas Budrys Kung Fu School - Students

Student List

Majors

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

Business

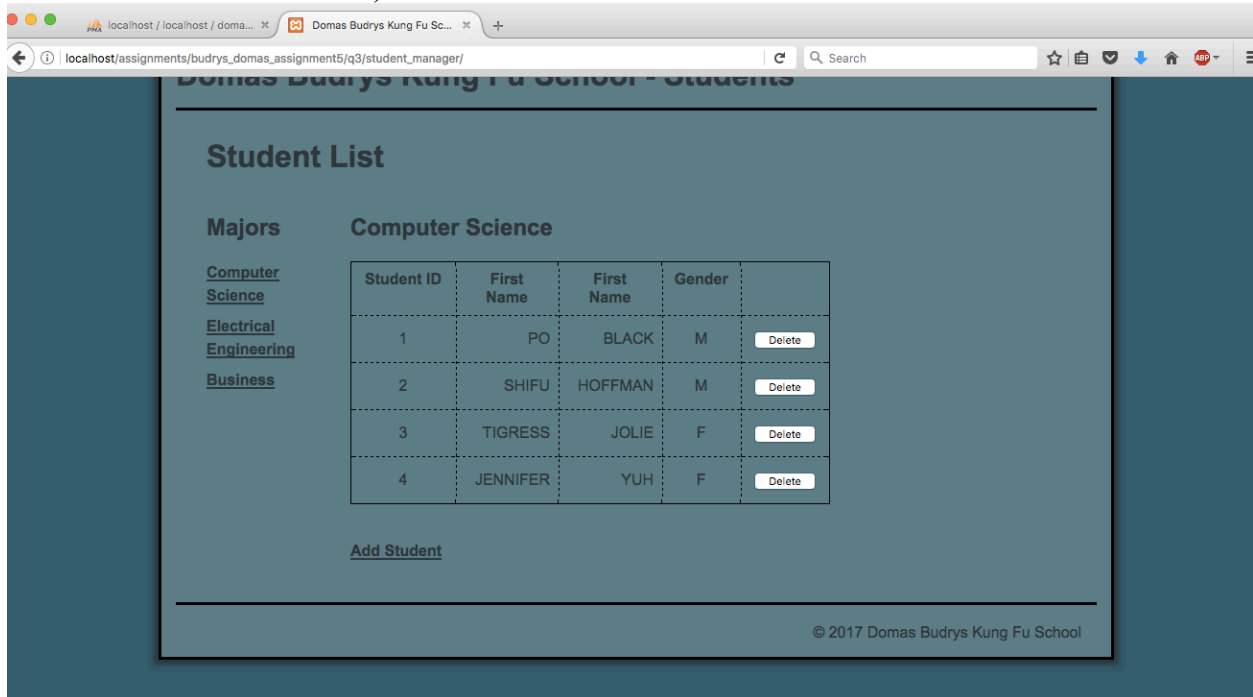
Student ID	First Name	Last Name	Gender	
7	CRANE	CROSS	M	Delete
8	OOGWAY	KIM	M	Delete
9	PING	HONG	M	Delete

[Add Student](#)

© 2017 Domas Budrys Kung Fu School

Question 3:

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

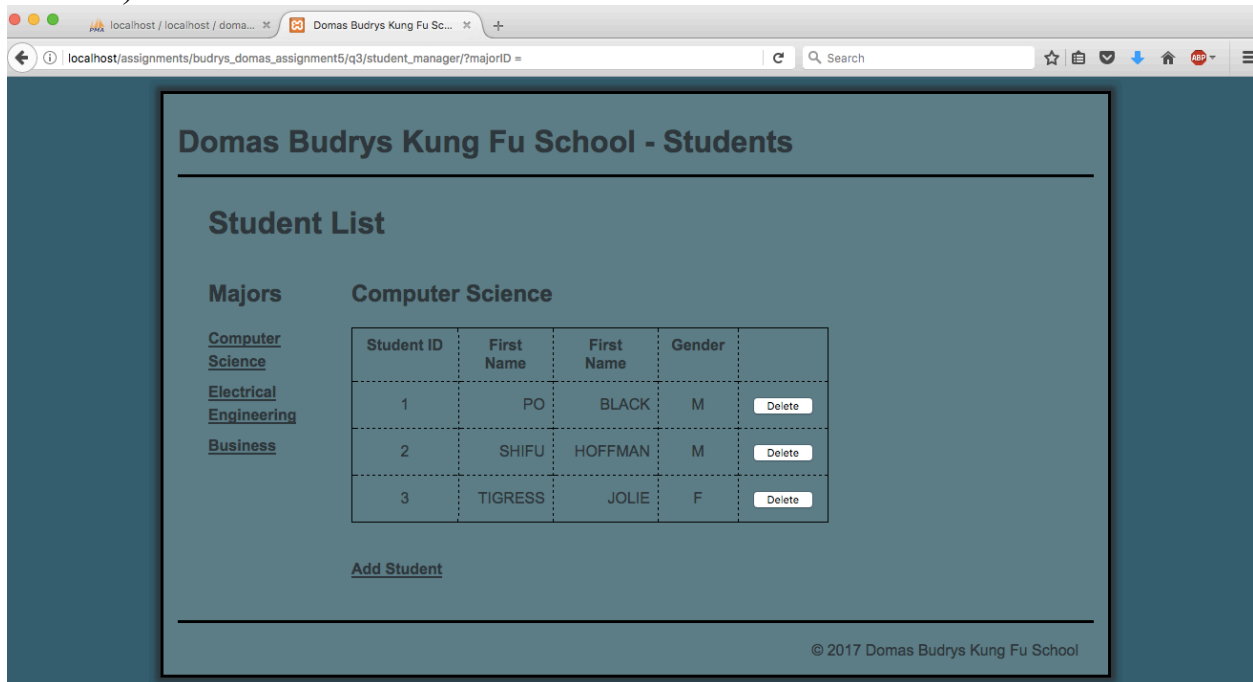


The screenshot shows a web application titled "Domas Budrys Kung Fu School - Students". The main heading is "Student List". On the left, there are links for "Computer Science", "Electrical Engineering", and "Business". The "Computer Science" link is selected. The table displays the following data:

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 is an "Add Student" link. The footer of the page reads "© 2017 Domas Budrys Kung Fu School".

Example: \student_manager\index.php (after deletion, Student ID 4 was deleted)



The screenshot shows the same web application after the deletion of Student ID 4. The table now displays the following data:

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" link and the footer "© 2017 Domas Budrys Kung Fu School" remain the same.

Example: \student_manager\index.php (before deletion, click on the delete button on Student ID 14)

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q5/student_manager/domas_budrys_student_add.php`. The page title is "Domas Budrys Kung Fu School - Students". The main heading is "Add Student". The form contains the following fields:

- Major:
- First Name:
- Last Name:
- Gender:

Below the form is an "Add Student" button and a link to "View All Students". At the bottom right, there is a copyright notice: "© 2017 Domas Budrys Kung Fu School".

Example: \student_manager\index.php (after deletion, Student ID 14 was deleted)

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q5/student_manager/?majorID=2`. The page title is "Domas Budrys Kung Fu School - Students". The main heading is "Student List".

On the left, there is a sidebar with the following links:

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

The main content area shows a table of students for the "Electrical Engineering" major. The table has the following columns: Student ID, First Name, Last Name, Gender, and an action column with a "Delete" button.

Student ID	First Name	Last Name	Gender	
5	MONKEY	CHAN	M	<button>Delete</button>
6	MANTIS	ROGEN	M	<button>Delete</button>

At the bottom, there is a link to "Add Student".

Question 4:

Example: \student_manager\index.php (it actually shows/"include" domas_budrys_student_add.php)

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q4/student_manager/domas_budrys_student_add.php`. The page title is "Domas Budrys Kung Fu School - Students". The main content area is titled "Add Student" and contains the following form elements:

- Major:** A dropdown menu with "Computer Science" selected.
- First Name:** A text input field.
- Last Name:** A text input field.
- Gender:** A dropdown menu with "Male" selected.
- Add Student:** A button.
- View All Students:** A link.

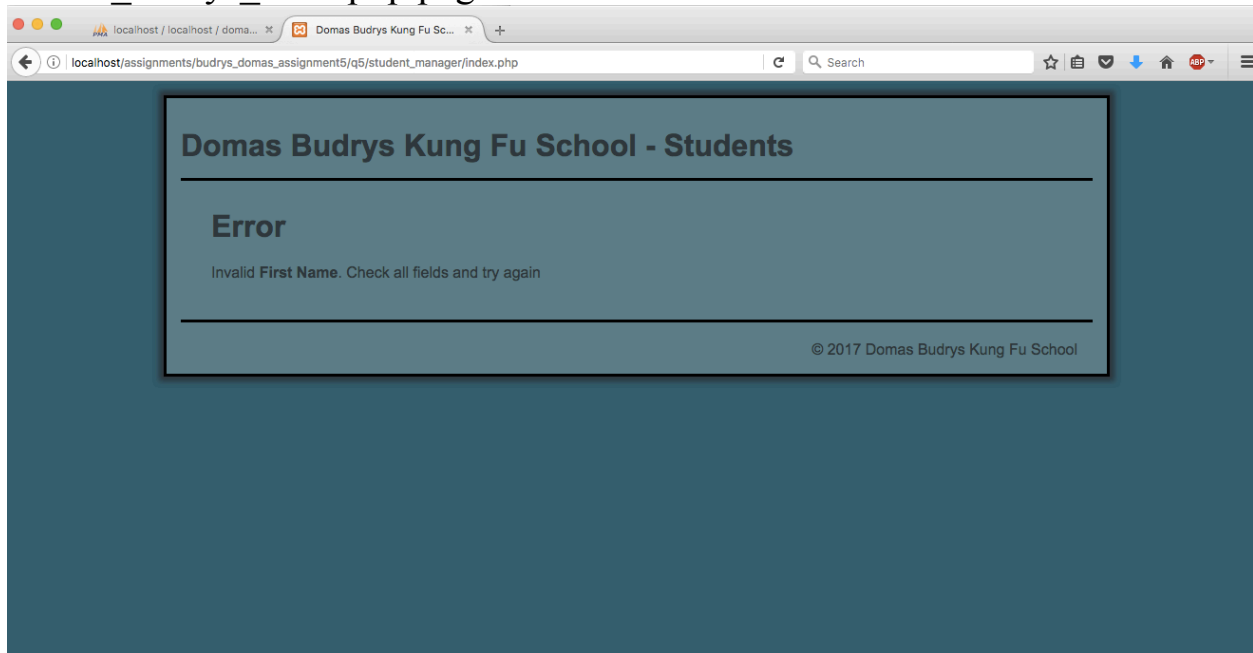
The footer of the page displays "© 2017 Domas Budrys Kung Fu School".

Example: \student_manager\index.php (dropdown list shows all majors)

The screenshot shows the same web browser window as the previous one, but with the "Major" dropdown menu expanded. The expanded menu shows three options: "Computer Science" (selected), "Electrical Engineering", and "Business". The rest of the form and the page layout are identical to the previous screenshot.

Question 5:

Example: \student_manager\index.php (it actually shows/"include" domas_budrys_error.php): If any textbox is left empty, domas_budrys_error.php page should be shown.



Example: \student_manager\index.php (it actually shows/"include" richard_ricardo_student_add.php): user input

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q5/student_manager/domas_budrys_student_add.php`. The page title is "Domas Budrys Kung Fu School - Students". The main heading is "Add Student". The form 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.
- A "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: \student_manager\index.php: after successfully adding a student record

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q5/student_manager/?majorID = 1`. The page title is "Domas Budrys Kung Fu School - Students". The main heading is "Student List".

On the left, there is a sidebar with the following links:

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

The main content area shows a table of students for the "Computer Science" major. The table has the following columns: Student ID, First Name, Last Name, Gender, and a "Delete" button.

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

At the bottom, there is a link labeled "Add Student".

Example: \student_manager\index.php (it actually shows/"include" richard_ricardo_student_add.php): user input

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q5/student_manager/domas_budrys_student_add.php`. The page title is "Domas Budrys Kung Fu School - Students". The main heading is "Add Student". The form contains the following fields:

- Major: A dropdown menu with "Electrical Engineering" selected.
- First Name: A text input field containing "DOMAS".
- Last Name: A text input field containing "BUDRYS".
- Gender: A dropdown menu with "Male" 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: \student_manager\index.php: after successfully adding a student record

The screenshot shows a web browser window with the URL `localhost/assignments/budrys_domas_assignment5/q5/student_manager/?majorID=2`. The page title is "Domas Budrys Kung Fu School - Students". The main heading is "Student List".

On the left, there is a list of majors with "Electrical Engineering" selected:

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

The main content area displays a table of students for the selected major:

Student ID	First Name	First Name	Gender	
5	MONKEY	CHAN	M	Delete
6	MANTIS	ROGEN	M	Delete
14	DOMAS	BUDRYS	M	Delete

At the bottom, there is a link labeled "Add Student".