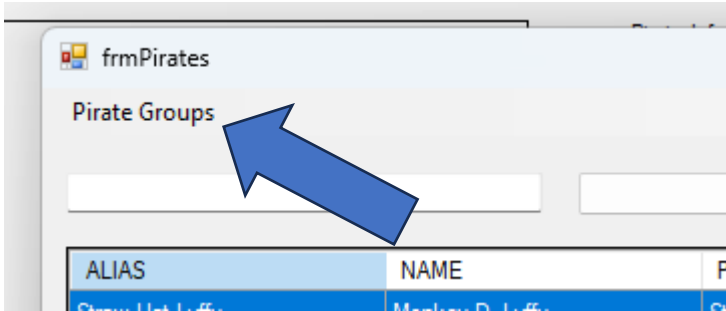


Directions: With your partner, read and analyze each item given and follow each step to accomplish this task. Good luck!

- 1. Run the **finalActDB.sql** in your MySQL Workbench.
 - 2. Create the following forms
 - a. frmPirates
 - b. frmPirateGroups
 - 3. The design for the frmPirateGroups is freeform just make sure to include the following:
 - a. **Searching** – search results should be displayed in a DataGridView. Only the *prgname* and *shipname* columns should be displayed.
 - b. **Insert** – there should be a way to add a new pirate group in the database.
 - c. **Update** – *prgname* and *shipname* columns should be updated. Use the table primary key as reference.
- frmPirateGroup should be accessed using frmPirates using a MenuStrip control.



- 4. For the frmPirate form, you may follow the screenshot below as a basis.

ALIAS	NAME	PIRATE GROUP	BOUNTY (BELLY)
Straw Hat Luffy	Monkey D. Luffy	Straw Hat Pirates	3000000000
Pirate Hunter	Roronoa Zoro	Straw Hat Pirates	1111000000
Cat Burglar	Nami	Straw Hat Pirates	366000000
God Usopp	Usopp	Straw Hat Pirates	500000000
Black Leg	Vinsmoke Sanji	Straw Hat Pirates	1032000000
Cotton Candy Lover	Tony Tony Chopper	Straw Hat Pirates	1000
Devil Child	Nico Robin	Straw Hat Pirates	930000000
Iron Man	Franky	Straw Hat Pirates	394000000
Sou King	Brook	Straw Hat Pirates	383000000
Knight of the Sea	Jinbei	Straw Hat Pirates	1100000000
Vivi	Nefertari Vivi	Straw Hat Pirates	0
Surgeon of Death	Trafalgar D. Water Law	Heart Pirates	3000000000

REQUIREMENTS

- a. Upon opening the form, the following should be done:
 - i. The list of pirates should be displayed. Use the image given above as your reference. Include hidden columns in your query if you deem it necessary.
 - ii. The following controls should be disabled:
 - 1. Textbox for alias, name, age, bounty under the **Pirate Information** group.
 - 2. ComboBox control under the **Pirate Information** group.
 - 3. Save button.
 - iii. All combo box control contents should come from the pirategroup table and the *prgname* should be the value visible to the user.
- b. **Searching** – the textbox and comboBox above the DataGridView control is used for searching. The textbox should accept any string as part only of the name or alias of the pirate. Both of these controls are required before any search query is executed.
- c. **Viewing** – when the **View Details** button is clicked, the information that corresponds to each textbox and comboBox under the **Pirate Information** group should be displayed and the **New Record** button should be disabled. Additionally, the previously disabled controls should be enabled to prepare the form for any editing action the user may perform.
- d. **Updating** – this action is prepared for the user as described in item C. Updating should use the crewid as reference. Bounties should not be less than zero.
- e. **Deleting** – when the **Delete Pirate Record** button is clicked, the selected row in the DataGridView should be deleted. After this, the contents of the Grid should be refreshed.

- f. **Inserting** – when the **New Record** button is clicked, remove any information displayed in every control in the **Pirate Information** group. Additionally, this button should be disabled on the other hand, the **Save** button should be enabled. All fields are required when inserted a new record.
- g. **Exporting** – export all visible columns in the DataGridView control to a text file.
- h. **Cancelling** – when the **Cancel** button is clicked, the controls under **Pirate Information** group should reset.