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NOTE: Although all the functions for all the tables work, it is advised to experiment on the 'countries' table. Please start by inserting a new country, then testing update and insert on it. In this way, we avoid foreign key and primary key constraints. One can also try on other tables - but there is some chance of constraint errors.

The webpage has the following pages:

1. Home Page: It contains all the tables in the database on each of which, four actions - view, insert, update, and delete can be performed

   It just shows all the tables that exist and besides them are the 4 functionalities one can perform.

2. View Table: This page shows the content of the selected table

Please note the Row No. as it is a very important column, because delete and update operations are based on the Row No.

You are seeing the table countries

Row No.	country_id	country_name	status
1	1	ukrain	ally
2	2	russia	enemy
3	3	india	neutral
4	4	USA	ally
5	6	6	6

Go to home page

3. Insert Entry: Through this functionality, we can insert all the attributes of new rows into the selected table

To insert the entry, follow these steps:
1) Click on insert entry
2)Enter the required values besides the name in the blanks
3) Click on submit!

Note: Make sure that there is no constraint violation. In case of that, it will throw a mysql error. Please go back and restart the process in that case.

Insertion Page

Enter values for:

country_id [7]

country_name [iraq]

status [neutral]

[Submit]

[Go to home page] [See current database]

4. Update Entry: This option allows us to update any row of the table using its row number

   Steps to use this are:
   1) View the table by clicking view table
   2) Note down the **Row No** of the row you want to update
   3) Click on update entry, and enter the row number
   4) Click on submit, and it will redirect you to a new page
   5) Again click on submit
   6) Click on enter, when it asks for the new values
   7) Enter the new values.
   8) Click on submit

If in any of the above steps, there is some constraint violation, it will throw error. In that case, please restart. Also, be careful while entering the row number, one can confuse it with primary key.

You are editing the table countries

Enter number of the row you want to edit [5   ] [Submit]

[Go to home page]

5. Delete Entry: This feature allows to delete a row in the selected table using its row number

Steps:
1) View the table and note down the row number of the entry you want to delete
2) Click the delete entry button and enter the row number of the entry you want to delete
3) If there is no tuple or constraint violation, it would have deleted succesfully.

If in any of the above steps, there is some constraint violation, it will throw error. In that case, please restart. Also, be careful while entering the row number, one can confuse it with primary key.

You are deleting from the table weapons

Enter number of the row you want to delete 2 | Submit

Go to home page

The successful execution of queries:

1. Insertion

Insertion Page

Enter values for:

country_id 7

country_name iraq

status neutral

Submit

Go to home page | See current database

OPERATION SUCCESFUL!

See updated database

You are seeing the table countries&type=i

You are seeing the table i

Row No.	country_id	country_name	status
1	1	ukrain	ally
2	2	russia	enemy
3	3	india	neutral
4	4	USA	ally
5	6	6	6
6	7	iraq	neutral

Go to home page

2. Deletion

Row No.	weapon_id	weapon_name	weapons_left
1	1	tank	500
2	2	gun	100

Go to home page

You are deleting from the table weapons

Enter number of the row you want to delete [2] Submit

Go to home page

Are you sure you want to delete row number **2** from the table **weapons**?

Submit NO

OPERATION SUCCESFUL!

See updated database

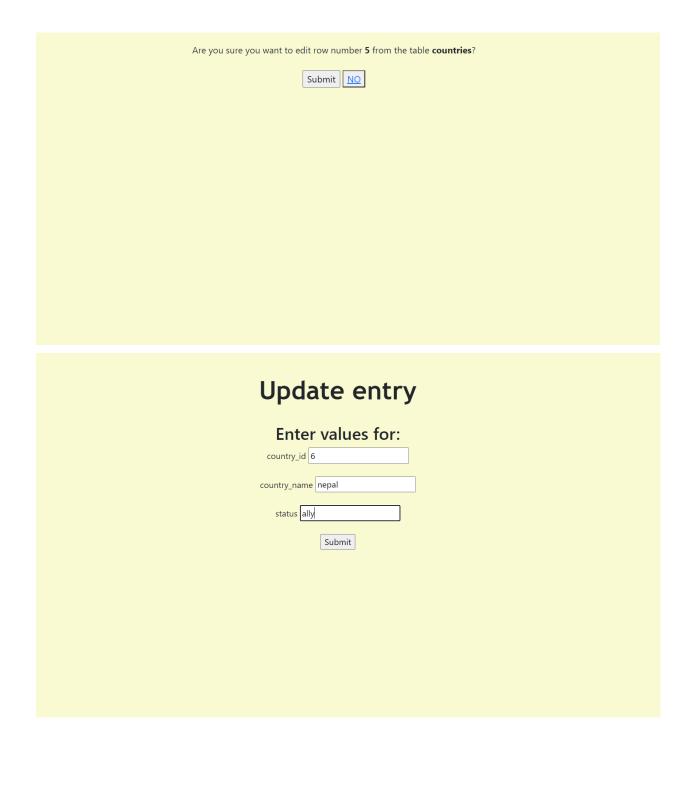| Row No.	weapon_id	weapon_name	weapons_left
1	1	tank	500

Go to home page

3. Updation

Row No.	country_id	country_name	status
1	1	ukrain	ally
2	2	russia	enemy
3	3	india	neutral
4	4	USA	ally
5	6	6	6
6	7	canada_new	ally

Go to home page

You are editing the table countries

Enter number of the row you want to edit 5   Submit

Go to home page

Are you sure you want to edit row number **5** from the table **countries**?

Submit NO

Update entry

Enter values for:

country_id `6`

country_name `nepal`

status `ally`

Submit

Row No.	country_id	country_name	status
1	1	ukrain	ally
2	2	russia	enemy
3	3	india	neutral
4	4	USA	ally
5	6	nepal	ally
6	7	canada_new	ally

Go to home page