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الامتحان النهائي لمادة برمجة صفحات الويب

(خريف 2019)

رقم القيد.....

الاسم.....

Note: please organize your files with question names Q1.php, Q2.php, Q3.php, Q33.php, Q4.php, Q5.php

Hint: you can copy the database connection to save some time.

```
$dsn="mysql:host=localhost;dbname=final";$dbuser="root";$dbpass="";
```

```
try {$conn= new PDO($dsn, $dbuser, $dbpass);
```

```
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);}
```

```
catch(PDOException $e) {echo "Connection failed: ". $e->getCode(); }
```

Q1: 8 Marks

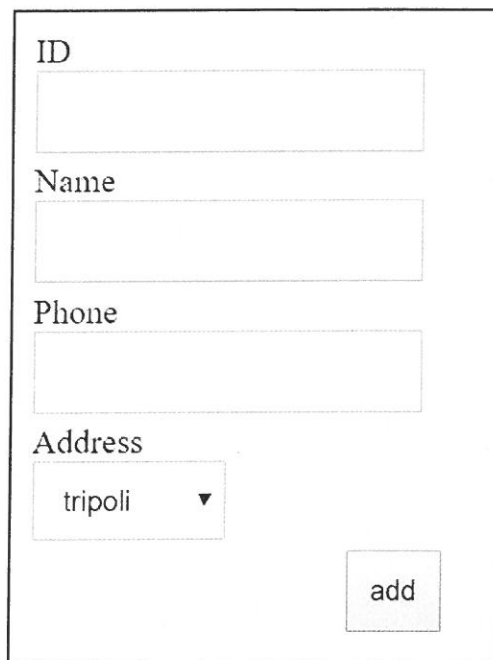
From the database (final) Select only student names, their phone numbers and addresses from (student, address) tables WHERE the address is "Tripoli" and print the output into a table, you should get a result looks like this table below.

name	phone	address
ali forjani	925556644	tripoli
marwa mohamed	915558899	tripoli

Q2: 9Marks

Create a form to insert data into (students) table, the end user must be able to insert the student ID, name, phone and address into that table, the form should be looking like this.

The dropdown menu's content should be selected from the (address) table, and then it should be used to insert a number(id) into address_id field of (students) table.



The form is enclosed in a rectangular border. It contains the following elements from top to bottom:

- The label "ID" followed by a text input field.
- The label "Name" followed by a text input field.
- The label "Phone" followed by a text input field.
- The label "Address" followed by a dropdown menu. The dropdown menu currently displays the text "tripoli" and a small downward-pointing triangle icon.
- An "add" button located at the bottom right of the form.

Q3: 8 Marks

Create a link that passes your age through the URL from one php page to another page, and then switch case that variable into five cases (20-25), each case should print a statement as follows:

"My age is: 20-25"

Challenging section: 5 Marks choose only one question depending on your capabilities

Q4: 5 Marks

Implement a `(groupByOwners)` function that:

- Accepts an associative array containing the file owner name for each file name.
- Returns an associative array containing an array of file names for each owner name, in any order.

For example, for associative array `["Input.txt" => "Ali",`

`"Code.py" => "Ahmed",`

`"Output.txt" => "Ali"]`

The `(groupByOwners)` function should return `["Ali" => ["Input.txt", "Output.txt"],`

`"Ahmed" => ["Code.py"]`

`]`

Q5: 2 Marks

Implement the `(unique_names)` function. When passed two arrays of names, it will return an array containing the names that appear in either or both arrays.

The returned array should have no duplicates.

For example, calling `unique_names(['Ahmed', 'Fatima', 'Ali'], ['Ali', 'Musa', 'Fatima'])` should return `[Fatima, 'Ali', Ahmed, 'Musa']` in any order.

Good Luck 😊