Ministerul Educației al Republicii Moldova

Universitatea Tehnică a Moldovei
Facultatea CIM

Catedra Automatica și Tehnologii Informaționale

RAPORT

Lucrare de laborator Nr.1
La MIDPS

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A verificat: Lect. Univ.
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Obiective:

- Realizarea unui simplu Web Site personal
- Familiarizarea cu HTML si CSS
- Interactiuni Javascript

Codurile sursa :

Index.html:

```
<html>
<title>Laboratorul 4</title>
<body background="data_base.jpg">


<form action="table_data.php" method="post">
<br>
<br>


<font color="red">Afisarea Datelor</font>
<br>
<input type="submit" value="click">
<br>


</form>

<form action ="insert_data.php">
<font color="red">Prelucrarea Datelor</font>
<br>

<input type="submit" value="click">

</form>
</body>
</html>
```

table_data.php:

```php
<?php

if(isset($_POST['search'])){

$valueToSearch=$_POST['valueToSearch'];
$query="SELECT * FROM `users` WHERE CONCAT(`ID`, `fname`, `lname`,
`grupa`)LIKE'%".$valueToSearch."%'";
$search_result=filterTable($query);


}
else {

$query="SELECT * FROM `users`";
$search_result= filterTable($query);
}



function filterTable($query)
{
        $connect = mysqli_connect("localhost","root","","test_db");
        $filter_Result = mysqli_query($connect,$query);
        return $filter_Result;
}



?>

<!DOCTYPE html>
<html>
<head>
        <title>Filtru de Date</title>

<style>
table,tr,th,td{
        border:1px solid black;
}

</style>
</head>

<body>
<form action="table_data.php"method="post">

<input type ="text" name="valueToSearch" placeholder="valoarea pentru a Cauta"><br><br>
<input type="submit" name ="search" value ="Filtru"><br><br>

<table>
        <tr>
```

```html
<th>ID</th>
<th>First name</th>
<th>Last Name </th>
<th>Grupa</th>




        </tr>
<?php while ($row=mysqli_fetch_array($search_result)):?>

<tr>
<td><?php echo $row['ID'];?></td>
<td><?php echo $row['fname'];?></td>
<td><?php echo $row['lname'];?></td>
<td><?php echo $row['grupa'];?></td>
</tr>
<?php endwhile;?>
</table>

        </body>
        </form>

<form action ="index.html" method="post">
        <br>
        <br>
<input type="submit" name ="search" value ="Inapoi"><br><br>

</form>

        </html>
```
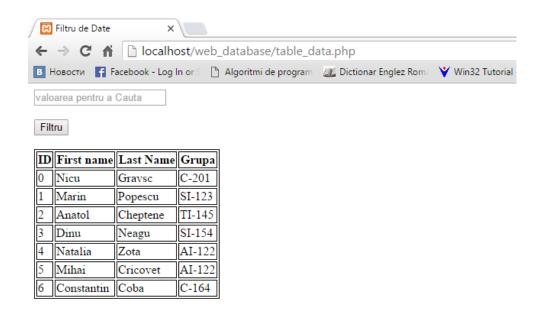
insert_data.php:
```php
<?php

$host="localhost";
$user="root";
$password="";
$database="test_db";

$ID="";
$fname="";
$lname="";
$grupa="";

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);

try{
        $connect =mysqli_connect($host,$user,$password,$database);
}catch(Exception $ex) {
        echo 'Error';
```

```php
}

function getPosts()
{
        $post=array();
        $post[0]=$_POST['ID'];
        $post[1]=$_POST['fname'];
        $post[2]=$_POST['lname'];
        $post[3]=$_POST['grupa'];
        return $post;
}

//Search

if(isset($_POST['search'])){
$data=getPosts();

$searchQuery="SELECT * FROM users WHERE ID=$data[0]";
$search_Result = mysqli_query($connect,$searchQuery);

if($search_Result)
{
        if(mysqli_num_rows($search_Result))
        {
                while($row=mysqli_fetch_array($search_Result))
                {
                        $ID=$row['ID'];
                        $fname=$row['fname'];
                        $lname=$row['lname'];
                        $grupa=$row['grupa'];
                }
        }else{
                echo 'No Data For this ID';
        }
}else{
        echo 'Result ERORO';
}

}

if(isset($_POST['insert']))
{
        $data=getPosts();
        $insert_Query="INSERT INTO `users`(`ID`, `fname`, `lname`, `grupa`) VALUES
($data[0],'$data[1]','$data[2]','$data[3]')";
        try {
                $insert_Result =mysqli_query($connect,$insert_Query);

                if($insert_Result)
                {
                        if(mysqli_affected_rows($connect) > 0 )
```

```php
                {
                        echo 'Data Inserted';
                }else{
                        echo 'Data Not Inserted';
                }
        }

        } catch (Exception $ex) {
                echo 'EROROR Insert '.$ex->getMessage();
        }
}


if(isset($_POST['delete']))
{
        $data=getPosts();
        $delete_Query="DELETE FROM `users` WHERE `ID`= $data[0]";
        try {
                $delete_Result =mysqli_query($connect,$delete_Query);

                if($delete_Result)
                {
                        if(mysqli_affected_rows($connect) > 0 )
                        {
                                echo 'Data Deleted';
                        }else{
                                echo 'Data Not Deleted';
                        }
                }

        } catch (Exception $ex) {
                echo 'EROROR Delete '.$ex->getMessage();
        }
}


?>



<!DOCTYPE Html>
<html>
<head>
<title>Introducerea Datelor</title>
</head>
<body>
<form action="insert_data.php" method="post">
        <input type "number" name="ID" placeholder="ID-ul" value ="<?php echo $ID; ?>"><br><br>
<input type ="text" name="fname" placeholder="Numele" value ="<?php echo $fname; ?>" ><br><br>
<input type ="text" name="lname" placeholder="Prenumele" value ="<?php echo $lname; ?>" ><br><br>
<input type ="text" name="grupa" placeholder="Grupa" value ="<?php echo $grupa; ?>" ><br><br>
```
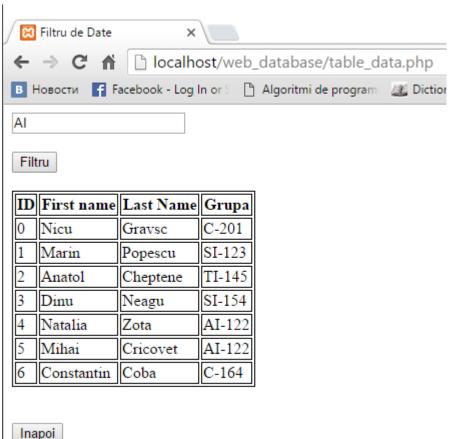
```
<div>
<input type ="submit" name="insert" value="Add">
<input type ="submit" name="delete" value="Delete">
<input type ="submit" name="search" value="Find">
</div>

</form>

</body>

<form action ="index.html" method="post">
        <br>
        <br>
<input type="submit" name ="search" value ="Inapoi"><br><br>

</form>


</html>
```

Screenshots:

valoarea pentru a Cauta

Filtru

ID	First name	Last Name	Grupa
0	Nicu	Gravsc	C-201
1	Marin	Popescu	SI-123
2	Anatol	Cheptene	TI-145
3	Dinu	Neagu	SI-154
4	Natalia	Zota	AI-122
5	Mihai	Cricovet	AI-122
6	Constantin	Coba	C-164

Inapoi

AI

Filtru

ID	First name	Last Name	Grupa
0	Nicu	Gravsc	C-201
1	Marin	Popescu	SI-123
2	Anatol	Cheptene	TI-145
3	Dinu	Neagu	SI-154
4	Natalia	Zota	AI-122
5	Mihai	Cricovet	AI-122
6	Constantin	Coba	C-164

Inapoi

Filtru de Date

localhost/web_database/

valoarea pentru a Cauta

Filtru

ID	First name	Last Name	Grupa
4	Natalia	Zota	AI-122
5	Mihai	Cricovet	AI-122

Inapoi

Introducerea Datelor

localhost/web_databa

7

Oleg

Lupascu

TI-113

Add   Delete   Find

Inapoi

Introducerea Datelor

localhost/we

Data Inserted

ID-ul

Numele

Prenumele

Grupa

Add   Delete   Find

Inapoi

Filtru de Date

localhost/web_database/ta

valoarea pentru a Cauta

Filtru

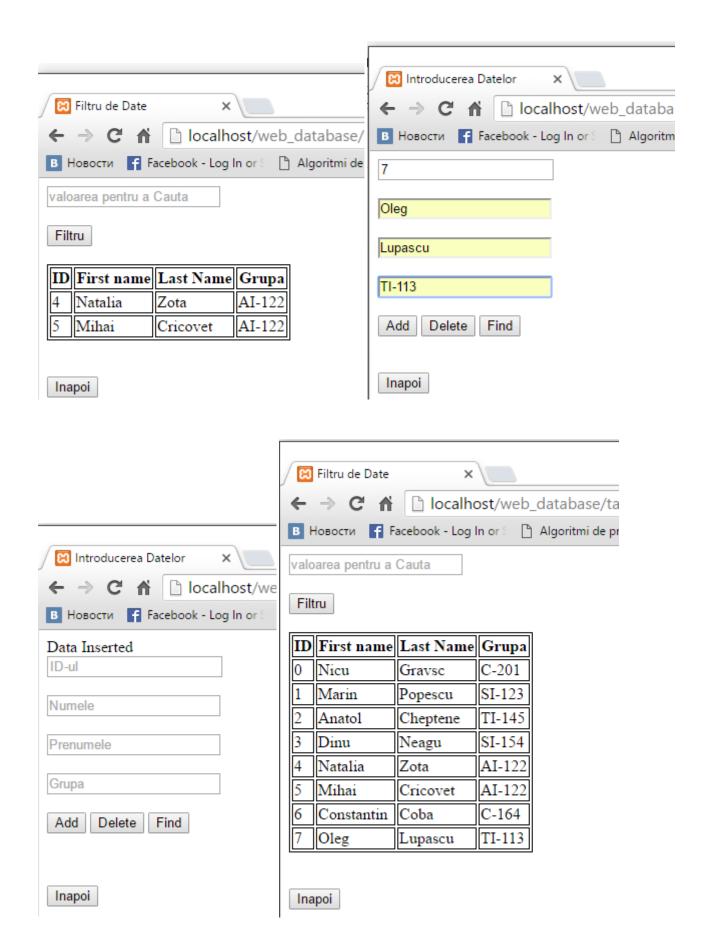| ID	First name	Last Name	Grupa
0	Nicu	Gravsc	C-201
1	Marin	Popescu	SI-123
2	Anatol	Cheptene	TI-145
3	Dinu	Neagu	SI-154
4	Natalia	Zota	AI-122
5	Mihai	Cricovet	AI-122
6	Constantin	Coba	C-164
7	Oleg	Lupascu	TI-113

Inapoi

Concluzie

In urma efectuarii de laborator am elaborat un web site folosind HTML si limbajul de programare php.
Am creat o baza de date cu ajutorul XAMPP unde am depus toata informatia necesara , dupa care elaborind programul ,putem modifica informatia data cum dorim :
1)adaugarea(Add)
2)stergerea(delete)
3)cautarea dupa ID(Find)
4)filtrarea informatiei dupa litere si cuvinte cheie(Filtru)
Pentru realizarea acestor conditii e necesar de a face cunostinta cu functiile MySQLi ,ce ne-a usurat considerabil lucru prin conectarea la baza de date a servelor MySQL.

Bibliografie
http://www.w3schools.com/tags/tag_doctype.asp
http://www.w3schools.com/php/php_ref_mysqli.asp