

## Indicații la probleme de temă - AJAX

- O baza de date contine trenuri caracterizate de: nr. tren, tip tren, localitate plecare, localitate sosire, ora plecare, ora sosire. Un calator va putea cauta trenuri intre doua localitati, specificand prin intermediul unui check box daca doreste numai curse directe sau si curse cu legatura (schimbarea trenului intr-o localitate intermedie).

In HTML executie:

Gara de Plecare

Gara de Sosire

Curse Directe  Curse cu Legatura

**Cauta**

Gara de Plecare

Gara de Sosire

Curse Directe  Curse cu Legatura

**Cauta**

Gara de Plecare

Gara de Sosire

Curse Directe  Curse cu Legatura

**Cauta**

Traseu Direct:  
Numar Tren: 1450  
Tip Tren: InterRegio  
**Gara Plecare: Suceava**  
**Gara Sosire: Bucuresti**  
Ora Plecare: 17:20:00  
Ora Sosire: 23:20:00

Gara de Plecare

Gara de Sosire

Curse Directe  Curse cu Legatura

**Cauta**

Traseu Direct:  
Numar Tren: 1456  
Tip Tren: InterRegio  
**Gara Plecare: Suceava**  
**Gara Sosire: Bucuresti**  
Ora Plecare: 06:45:00  
Ora Sosire: 12:45:00

O alta interfata:

## Trenuri

### Trenuri

Plecare:  
Valcea

Sosire:  
Bucuresti

Bifeaza sa nu fie cursa directa

Plecare:  
Valcea

Sosire:  
Suceava

Bifeaza sa nu fie cursa directa

Rezultatele cautarii sunt:

Cursele directe sunt:

Tren 1: id=1, tip=tip1, plecare=Valcea, sosire=Bucuresti, oraPlecare=15:50:00, oraSosire=20:50:00

## Trenuri

Plecare:

Sosire:

Bifeaza sa nu fie cursa directa

Rezultatele cautarii sunt:

Cursele directe sunt:

Cursele cu legatura sunt:

Tren 1: id=1, tip=tip1, plecare=Valcea, sosire=Bucuresti, oraPlecare=15:50:00, oraSosire=20:50:00

Tren 2: id=2, tip=tip2, plecare=Bucuresti, sosire=Suceava, oraPlecare=21:00:00, oraSosire=24:00:00

2. O tabela din cadrul unei baze de date mentinuta server side contine produse descrise prin mai multe atribute. Un script php va afisa aceste produse impreuna cu atributele lor paginat (n pe pagina) afisandu-se in acelasi timp link-uri spre urmatoarele respectiv anterioarele n produse. Prin intermediul unui formular ce contine un combobox, scriptul php va putea fi configurat cu numarul n specificat de vizitator.
3. O baza de date mentinuta server side contine studenti si materii studiate de acestia. Un profesor ce in prealabil se autentifica (fara sa se inregistreze) va putea completa notele acestora, note ce vor fi afisate studentilor (studentii sunt utilizatori neautentificati). Aplicatia va permite completarea notelor la mai multe discipline de catre mai multi profesori.

In PHP, o baza de date cu tabele relative la Studenti, Note, Discipline si Profesori.

The screenshot shows the phpMyAdmin interface connected to a MySQL server at 127.0.0.1. The current database is 'university'. The left sidebar lists databases: information\_schema, lab6, lab7, mysql, performance\_schema, phpmyadmin, test, and university. The 'university' database is expanded, showing tables: grades, students, subjects, and teachers. The 'Structure' tab is selected for the 'grades' table. The table structure includes columns: id (int), name (varchar(50)), grade (float), and date (date). A data grid shows four rows of sample data. Below the grid, there are buttons for 'Insert', 'Empty', and 'Drop'. The top navigation bar includes tabs for Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, and Events.

The screenshot shows the MySQL Workbench interface. On the left, the database schema is displayed with several databases listed: New, information\_schema, lab6, lab7, mysql, performance\_schema, phpmyadmin, test, university, New, grades, students, subjects, and teachers. The 'students' table under the 'university' database is selected. On the right, the SQL editor shows the query: `SELECT * FROM `students``. Below the query, there are options for Profiling, Edit inline, Edit, Explain SQL, Create PHP code, and Refresh. A results grid displays the following data:

	id	name	username	password
<input type="checkbox"/>	1	Ion Popescu	ion	ion
<input type="checkbox"/>	2	Andrei Popescu	anpo	anpo
<input type="checkbox"/>	3	Ana Maria	ana	ana

Below the table, there are buttons for Check all, With selected:, Edit, Copy, and Delete.

In HTML executie:

Student:

Ai urmatoarele note:

The screenshot shows a web browser window with the URL `localhost/lab7/p3/login.php`. The page contains fields for Username and Password, both set to "ion". A "Login" button is present. To the right, a table titled "Materie" lists subjects and their corresponding grades: Baze de Date (9.5), Baze de Date (7.33), and Programare Web (9). A message at the bottom right says "Ai urmatoarele note:".

Validare:

The screenshot shows a login form with fields for Username and Password, both set to "ion". A "Login" button is present. Below the form, a dropdown menu lists several user names: vic\_d54, ion, victordoro78, victordoro78@gmail.com, midor\_77, and dvir2918. An error message "Wrong username/pass" is displayed in red text.

Profesor: cu adaugare de nota in baza de date PHP

The screenshot shows a form for adding a grade. It includes fields for Username ("prof"), Password ("\*\*\*\*"), and Login. Below these, there are dropdown menus for selecting the student ("Ion Popescu") and subject ("Baze de Date"). A "Nota" input field is empty, and an "Adaugare Nota" button is present. A message "Nota invalida!" is shown in red. The dropdown for student names has "Ion Popescu" selected. The dropdown for subjects has "Programare Web" selected. The "Nota" input field now contains "6.5", and the "Adaugare Nota" button is highlighted with a cursor.

Nota adaugata cu succes!

Ion Popescu | Baze de Date | Nota | Adaugare Nota

lab7 | mysql | performance\_schema | phpmyadmin | test | university | New | grades | students | subjects | teachers

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

+ Options

	id	idstudent	idsubject	grade
<input type="checkbox"/>	1	1	1	9.5
<input type="checkbox"/>	2	1	1	7.33
<input type="checkbox"/>	3	2	1	10
<input type="checkbox"/>	4	2	2	6
<input type="checkbox"/>	5	3	2	8.6
<input type="checkbox"/>	6	1	2	9
<input type="checkbox"/>	16	3	2	6.5

Check all | With selected: | Edit | Copy | Delete | Export

Logare ca si student si vizualizarea notei inainte adaugate:

Username: ana

Password: \*\*\*

Login

Ai urmatoarele note:

Materie	Nota
Programare Web	8.6
Programare Web	6.5

4. Sa se implementeze un mecanism de inregistrare si autentificare a utilizatorilor in cadrul unui site. Autentificarea se va face prin interogarea server side a unei baze de date iar inregistrarea prin completarea acestia cu noul utilizator. La inregistrare se va cere utilizatorului adresa acestuia de e-mail, inregistrarea finala facandu-se la accesarea unui link care se trimite utilizatorului prin email in momentul in care acesta completeaza formularul de inregistrare.

O baza de date / tabel in PHP cu user-ii.

phpMyAdmin

Server: 127.0.0.1 | Database: laboratorphp | Table: user

Browse | Structure | SQL | Search | Insert | Export | Import

Recent | Favorites

New | information\_schema | laboratorajax | laboratorphp | New | tren | user | mysql | Browse | performance\_schema | phpmyadmin | test

Show query box

Showing rows 0 - 1 (2 total, Query took 0.0006 seconds.)

```
SELECT * FROM `user` WHERE 1;
```

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

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

+ Options

	id	nume	mail	parola	verified
<input type="checkbox"/>	1	papel	papel@yahoo.com	papel	1
<input type="checkbox"/>	23	stefan	stefanfarcasanu@yahoo.com	stefan	1

Check all | With selected: | Edit | Copy | Delete | Export

In HTML executie:

## Home page

[Login](#)  
[Registered](#)

In PHP modificarea:

Showing rows 0 - 1 (2 total, Query took 0.0007 seconds.)

SELECT \* FROM `user`

1 row affected. (Query took 0.0596 seconds.)

	id	nume	mail	parola	verified
	1	popel	popel@yahoo.com	popel	1

1. Inregistrare cont nou:

### Register your account

Nume:	<input type="text"/>
Mail:	<input type="text"/>
Parola:	<input type="text"/>
Inregistra	<input type="button" value="Inregistra"/>
	<input type="text"/>

### Register your account

Nume:	<input type="text"/>
Mail:	<input type="text"/>
Parola:	<input type="text"/>
<input type="button" value="Inregistrare cont"/>	

**Register your account**

**Register your account**

Nume:	<input type="text"/>
stefan	
Mail:	<input type="text"/>
stefanfarcasanu@yahoo.co	
Parola:	<input type="text"/>
*****	
<input type="button" value="Inregistrare cont"/>	

Nume:	<input type="text"/>
Mail:	<input type="text"/>
Parola:	<input type="text"/>
<input type="button" value="Inregistrare cont"/>	
Contul a fost inregistrat cu succes!	
Message sent successfully...	

In PHP inregistrarea s-a adaugat (campul verified=0 pana se va accesa validarea din e-mail-ul trimis) si s-a trimis e-mail de confirmare pentru verificarea e-mail-ului:

phpMyAdmin

Server: 127.0.0.1 » Database: laboratorphp » Table: user

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Run SQL query/queries on table laboratorphp.user:

```
1 | SELECT * FROM `user` WHERE 1
```

	id	nume	mail	parola	verified
	1	popel	popel@yahoo.com	popel	1
	24	stefan	stefanfarcasanu@yahoo.com	stefan	

Showing rows 0 - 1 (2 total, Query took 0.0006 seconds.)

`SELECT * FROM `user` WHERE 1;`

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

Show all Number of rows: 25 Filter rows: Search this table Sort by key

Options

	id	nume	mail	parola	verified
<input type="checkbox"/>	1	popel	popel@yahoo.com	popel	1
<input type="checkbox"/>	24	stefan	stefanfarcasanu@yahoo.com	stefan	

Confirmare cont nou, prin logare si validare cont si apoi automat se valideaza si in baza de date / tabel PHP (campul verified=0, devine verified=1).

mail.yahoo.com/d/folders/1/messages/27276

Apps Facultate Extra (1 unread) - stefanf... Stefan-Lucian Farca... StefanFarcasanu (St... Bitfinex Digi Online CV Financial News Site

HOME MAIL NEWS FINANCE SPORTS ENTERTAINMENT LIFE SEARCH SHOPPING YAHOO PLUS MORE... yahoo!

yahoo! mail

Find messages, documents, photos or people

Inbox 1

Compose

Back Archive Move Delete Spam ...

Confirm your account

stefanfarcasanu2001@gmail.com <stefanfarcasanu2001@gmail.com>  
To: stefanfarcasanu@yahoo.com

Tue, May 17 at 2:06 PM

Reply, Reply All or Forward

The screenshot shows the Yahoo Mail inbox. On the left, there's a sidebar with links for Compose, Inbox (marked with 28), Unread, Starred, Drafts, Sent, Archive, and Spam. The main area displays an email from stefanfarcasanu2001@gmail.com with the subject "Confirm your account". The email body contains a link to confirm the account: <http://localhost/LaboratorWEB/LaboratorPHP/P4/confirm.php?mail=stefanfarcasanu@yahoo.com>. Below the email are standard mail controls: Back, Forward, Reply, Forward, Delete, and more.

Accesare link din e-mail:

The screenshot shows a browser window with the URL <http://localhost/LaboratorWEB/LaboratorPHP/P4/confirm.php?mail=stefanfarcasanu@yahoo.com>. The page content says "Contul pentru adresa de mail stefanfarcasanu@yahoo.com a fost confirmat!" (The account for the email address stefanfarcasanu@yahoo.com has been confirmed!).

PHP tabel avand valoarea campului verified=1

The screenshot shows a MySQL query results page. The query was: `SELECT * FROM `user` WHERE 1;`. The results table has columns: id, nume, mail, parola, and verified. There are two rows: one for 'popel' (id 1) and one for 'stefan' (id 24). The 'verified' column for both rows is set to 1. The table includes standard database navigation buttons like Show all, Number of rows (set to 25), Filter rows, and Sort by key.

	id	nume	mail	parola	verified
<input type="checkbox"/>	1	popel	popel@yahoo.com	popel	1
<input type="checkbox"/>	24	stefan	stefanfarcasanu@yahoo.com	stefan	1

2. Logare cu noul cont:

The screenshot shows a login interface. It has three sections: "Home page", "Login into your account", and "Login into your account". The first section has "Login" and "Register" buttons. The second section has fields for "Mail" (stefanfarcasanu@yahoo.co) and "Parola" (password). The third section has a "Login cont" button and a message: "User-ul stefan a fost logat cu succes!" (User stefan was successfully logged in!).

5. O aplicatie web va permite unui utilizator ce se autentifica in prealabil sa uploadaze poze. Aceste poze vor fi vizualizate in “profilul” utilizatorului, dupa autentificare acesta putand

vizualiza profilele (pozele uploadate) altor utilizatori. Se va implementa si un mecanism de stergere a unui fotografii uploadate.

In HTML dupa logare va arata:

Cautare dupa username:

Selectati imaginea dorita:  
 No file chosen

**Imaginiile utilizatorului ion:**



Cautare si afisare dupa utilizator:

Cautare dupa username:

Selectati imaginea dorita:

No file chosen

**Imaginiile utilizatorului ion**



Cautare dupa username:

**Imaginiile utilizatorului ana:**



Incarcare imagine:

Cautare dupa username:

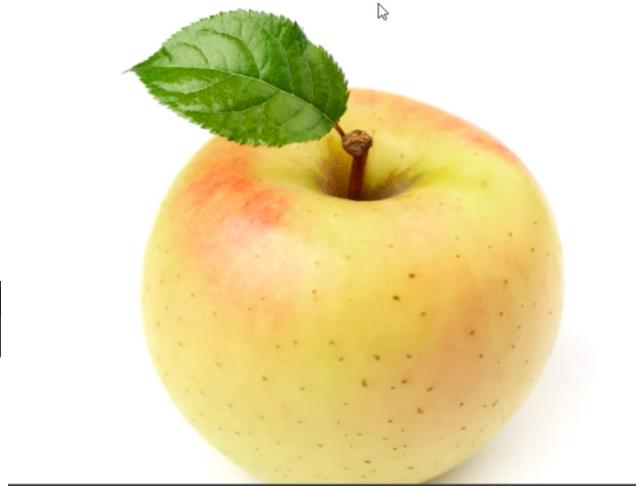
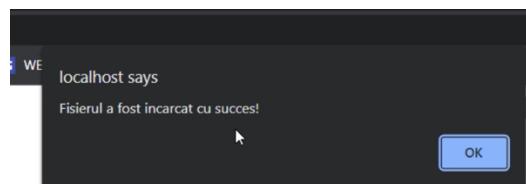
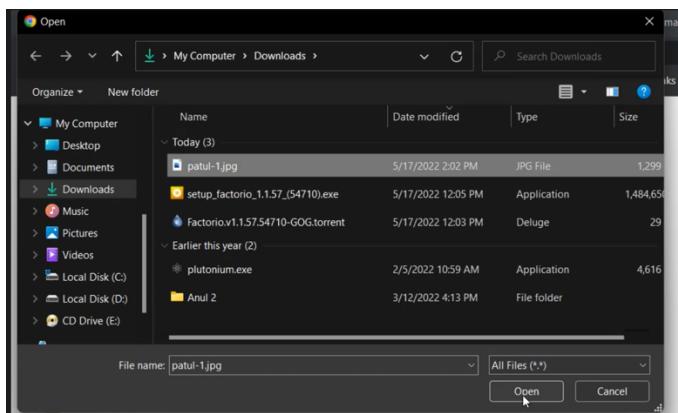
Cautare

Selectati imaginea dorita:

Choose File No file chosen

Incarcare Imagine

Imaginiile utilizatorului ion:



Idee cod PHP:

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Tab Bar:** index.php - Lab7 - Visual Studio Code, student.php, teacher.php, login.php P1, login.php P3, index.php X.
- Explorer View:** Shows a folder structure under LAB7:
  - P1
  - img
  - P3
    - index.php
    - login.php
    - student.php
    - teacher.php
  - P5
    - ana
    - anpo
    - ion
      - alice.png
      - mv.jpg
      - patul-1.jpg
    - index.php
    - login.php
  - P6
- Code Editor:** Displays the content of index.php. The code handles user input from \$\_GET variables (cursa, plecare, sosire) and connects to a MySQL database (localhost, root, lab7). It checks if the direct parameter is true or false and constructs a SQL query to select all routes.
- Sidebar:** Shows sections for OUTLINE and TIMELINE.
- Bottom Status Bar:** master\*, 0 0 0 0.

6. O pagina ce contine un articol (articol sportiv, reteta de mancare, etc) permite vizitorilor sa posteze comentarii la articolul respectiv. La postarea unui comentariu, un vizitator va trebui sa introduca pe langa comentariu numele sau. Comentariile nu vor fi afisate decat dupa moderarea (aprobatia lor) de catre un administrator ce se autentifica in prealabil.