

Problem I (2 pts)

Create a new .php page (name it track.php) that uses cookies to track the number of times the page has been viewed. If the visitor is looking at the page for the first time, it should display the following message: Welcome! You are new here. If the page has been visited more than once, display: Hello, this is your ## time here (where ## is the number of visits count).

Problem II (20 pts)

We are interested in this exam to implement an account manager system using PHP. For this, you must write the page *operations.php* that uses a set of functions written in the file *functions.php*.

The data are stored in the file *clients.txt*

Each line in the file *clients.txt* represent one client as following:

User;first name;last name;account number;balance

If the file *clients.txt* contains the following data:

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user1;fname1;lname1;123456;80600
user2;fname2;lname2;234567;52210
user3;fname3;lname3;456789;840000
```

The page *operations.php* must display the following:

User	First name	Last name	Account number	Balance	Operation				Amount
user1	fname1	lname1	123456	80600	Debit	Credit	Transfer	234567 ▼	
user2	fname2	lname2	234567	52210	Debit	Credit	Transfer	123456 ▼	
user3	fname3	lname3	456789	840000	Debit	Credit	Transfer	123456 ▼	
					Add Client	- Exit			

The operations are: debit, credit, transfer.

Debit: fill in the amount and click on debit. The balance must be greater than the amount. Display a message that mention the user and the debited amount. If the operation failed display an error message.

Credit: fill in the amount and click on credit. Display a message that mention the user and the credited amount. If the operation failed display an error message.

Transfer: fill in the amount, choose an account number (it shouldn't contain the account number of the current user), and then click on transfer. Take into consideration the error messages. Display a message that mention the current user, the destination user and the transferred amount. The current user is the owner of the account from which the transfer is made.

Add Client: Add new client.

Exit: delete the current session.

When accessing this page for the first time, the client.txt file must be loaded into the session.

1. Write a function called *loadFileClients()* that read the file *clients.txt* to create the session *clients*.
2. Write a function called *saveClients(\$clients)* that store the session *clients* into the file *clients.txt*
3. Write the page *operations.php*, taking into consideration the following points (other details must be implemented too): load the file, add new client, debit operation, credit operation, transfer operation, display the table as shown in the figure.

Good luck