

Laboratory Task

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Laboratory Task 01

01 One dimensional array

02 Two dimensional array

03 Cookie

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Laboratory Task 01

01 One dimensional array

- a) Write the codes in Figure 01, then display the output to the browser.
- b) Modify the code in question a) by adding each value in the array with the value 3. Display the output to the browser.



```
<!DOCTYPE html>
<html>
<head>
    <title>Arrays</title>
</head>
<body>
    <h1>PHP Arrays</h1>
    <h3>Current Numbers</h3>
    <?php
        /*Create a simple array of numbers*/
        $numbers = array( 11,43,4,5,7,10);
        /*Create a table and display the numbers*/
    ?>
    <table border='1'>

    <?php
foreach($numbers as $val ){ ?>
        <tr>
            <td><?php echo $val;?></td>
        </tr>
    <?php } ?>
    </table>

    <h3>Sorted Numbers</h3>
    <?php
        /*Sort the array*/
        sort($numbers);
        /*Create a table and display
        the numbers after sorted*/
    ?>
    <table border='1'>
```

```
foreach($numbers as $val) {  
    <tr>  
        <td><?php echo $val;></td>  
    </tr>  
}<?php }>  
</table>  
</body>  
</html>
```

Figure 01



Laboratory Task 01

02 Two dimensional array

- a) Write the codes in Figure 02, then display the output to the browser.
- b) Modify the code in question a) by adding new data elements which are course code and matric number for each student. Display the output to the browser.



```

<!DOCTYPE html>
<html>
<head>
    <title>Multi-dimensional Arrays</title>
</head>
<body>
    <?php
    /*Create Multi-dimensional array*/
    $gpa=array(
        array("student"=>"Joe Smith","grade" =>"A"),
        array("student"=>"Mary Jones","grade" =>"A"),
        array("student"=>"John Perry","grade" =>"C"));
    ?>
    <!--Display the Student Data-->
    <h3>Student data</h3>
    <table border='1'>
        <tr>
            <td>Student Name </td>
            <td>Current Grade </td>
        </tr>
        <!--
        Loop through each
        dimension of the array
        -->
        <?php
        foreach($gpa as $g) { ?>
            <tr>
                <?php
                foreach($g as $value){ ?>
                    <td><?php echo $value;?></td>
                    <?php } ?>
            </tr>
            <?php } ?>
        </table>
    </body>
</html>

```

Figure 02

Laboratory Task 01

02 Two dimensional array

- c) Create a multi-dimensional array called `$loans`, with the data from the table 02. Then display the output to browser.

Table 02

<u>customer</u>	<u>loan no</u>	<u>amount</u>	<u>branch name</u>
111-12-0000	L17	1000	Downtown
222-12-0000	L23	2000	Redwood
333-12-0000	L15	1500	Pennyridge
444-00-0000	L93	500	Mianus
666-12-0000	L17	1000	Downtown
111-12-0000	L11	900	Round Hill
999-12-0000	L17	1000	Downtown
777-12-0000	L16	1300	Pennyridge



Laboratory Task 01

03 Cookie

- a) Write a code to set a cookie for username and specify the expiry of the cookie after 2 minutes. Redirect the page to cookieWelcome.php (Question b)
- b) In cookieWelcome.php check the cookie value whether has been set or not. If the cookie has not been set yet, display “Welcome Guest!”. Otherwise, welcome the username.



Laboratory Task 01

04 Session

- a) In phpMyAdmin, create Database name as UserDB.
- b) Create table login_user based on structure in Figure 04_1:

Name	Type
id	int(11)
name	varchar(60)
user_name	varchar(20)
password	varchar(20)

Figure 04_1

- c) Insert two(2) records in table login_user.



Laboratory Task 01

04 Session

- d) Create LoginForm.php with a username and password as shown in Figure 04_2. Once the user click button submit, the code will check the username and password in the database. If the entered data is not in the database, the message will display “Invalid username and password” (refer Figure 04_3).



Laboratory Task 01

04 Session

Whereas, if the user is in the database, the LoginForm.php will start to capture the session id and session name extracted from the database.



The image shows a web form titled "Enter Login Details". It contains two input fields: "Username:" and "Password:". Below the password field are two buttons: "Submit" and "Reset". The form is enclosed in a rectangular border.

Figure 04_2



Laboratory Task 01

04 Session

Then, the system will redirect to the second page named as welcomeUser.php. In welcomeUser.php, the page will welcome the user by displaying the session name. The link for logout also included in this page (refer Figure 04_03)

Welcome Siti Suhaila. Click here to [Logout](#).

Figure 04_3



Laboratory Task 02

04 Session

Then, the system will redirect to the second page named as `welcomeUser.php`. In `welcomeUser.php`, the page will welcome the user by displaying the session name. The link for logout also included in this page (refer Figure 04_03)

Welcome Siti Suhaila. Click here to [Logout](#).

Figure 04_3

