

Practical Lab 4

Student ID: _____

Student Name: _____

Q1. Test the following php codes:

1. Create an empty txt file named: test.txt, set the permission as 777
2. Copy and paste the below code to create a php file, such as b.php, permission as 755
3. Go to titan.csit.rmit.edu.au/~sXXXXXXX/b.php

b.php

```
<html>
  <body>

    We assume there is a table in the database, named text.txt
    <br/><br/>

    <?php
      //open a file named "text.txt"
      $file = fopen("test.txt","w"); //"w"=overwrite
      $anything = "hello world!";
      //write into the users.txt file
      fwrite($file,$anything);
      //close the "$file"
      fclose($file);
    ?>
```

Done! Check the test.txt file.

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

Think about `fopen()`, `fwrite()` and `fclose()` functions.

Q2. Based on **Q1**, append data into the file without overwriting existing data and append the new data in a new line.

Hint: https://www.w3schools.com/php/func_filesystem_fopen.asp

"w"=overwrite, "?"=append

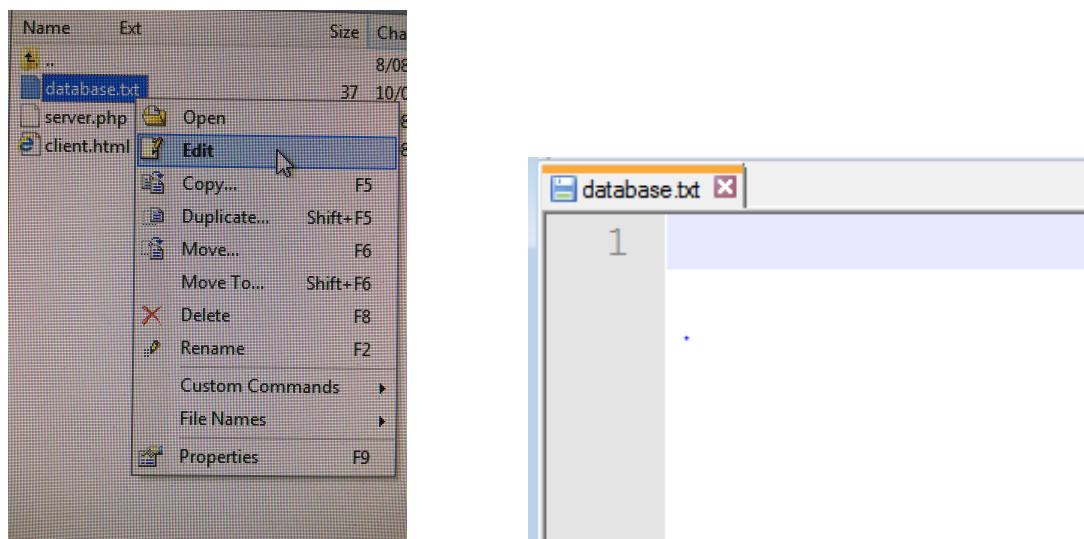
Q3. Write a client.html, server.php and database.txt to take something from client side and store it into database.txt.

Step 1. Access to your titan server, and create 3 files under your student folder: **database.txt** (permission **777**), **server.php** (permission **755**) and **client.html** (permission **755**)

How to change permission: right click the file, click Properties, enter 755 or 777 in Octal, click OK.

Name	Ext	Size	Changed	Rights
..			8/08/2017 4:21:44 PM	rwxr-xr-x
database.txt		32	8/08/2017 4:15:51 PM	rwxrwxrwx
server.php		408	8/08/2017 4:15:05 PM	rwxr-xr-x
client.html		283	8/08/2017 4:07:19 PM	rwxr-xr-x

And keep the database.txt as empty. To check the content of database.txt, please right click the file and click Edit



Step 2. Write client.html (refer to previous Labs) as below

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Enter:

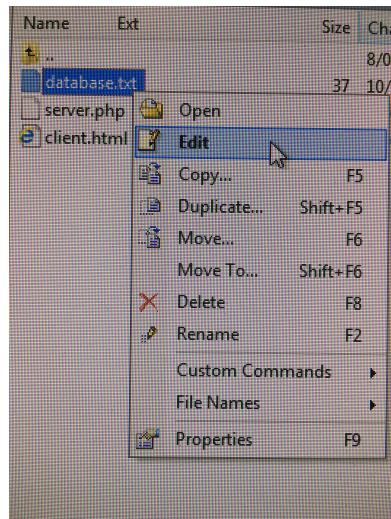
Step 3. Write server.php based on **Q1** to

- 3.1 receive the user's input from client.html
- 3.2 open database.txt
- 3.3 write user's input into the database.txt
- 3.4 close database.txt

Step 4. Go to your own web link, such as titan.csit.rmit.edu.au/~sXXXXXXX/client.html

Expected outcome of Q3: every time you submit anything, the content will be added into the database.txt with a new line.

To check the content of database.txt, please right click the file and click Edit



First time:

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Enter:

```
1 this is a test
```

Second time:

Lab 4

Enter:

```
1 this is a test
2 another test
```

Third time:

Lab 4

Enter:

```
1 this is a test
2 another test
3 it works
```

Answer of Q3:

client.html

```
<html>
<body>

<h2>Lab 4</h2>

<form action="server.php" method="POST">

Enter: <input type="text" name="enter" id="enter">
<br/><br/>

<button type="submit">Submit</button>
</form>

</body>
</html>
```

server.php

```
<html>
<body>

<?php
    //open a file named "text.txt"
    $file = fopen("database.txt", "a");
    //Receive data from client side
    $data = $_POST['enter'];
    //append data into the database.txt file
    fwrite($file,$data."\n");
    //close the "$file"
    fclose($file);
?>
```

Done! Check the database.txt file.

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