UNIT 4 SOLVED EXERCISES: TEXT FILES

1. READING A FILE

CREATE A TEXT FILE "SAMPLEFILE.TXT" WITH THIS CONTENT:

Line 1

Line 2

Line 3

Line 4

Line 5

READING A FILE IN A SINGLE OPERATION:

```php
<?php
    readfile("samplefile.txt");
?>
```

```php
<?php
    echo file_get_contents("samplefile.txt");
?>
```

```php
<?php
   echo nl2br(file_get_contents("samplefile.txt"));
?>
```

```php
<?php
    $array = file("samplefile.txt");
    print_r($array);
?>
```

READ A FILE LINE BY LINE:

```php
<?php
$file = fopen("samplefile.txt", "r");
while(!feof($file)) {
echo fgets($file). "<br />";
}
fclose($file);
?>
```

2. WRITING A FILE

Create a file with two lines

```php
$file=fopen("append.txt","w");
 fwrite($file, "This is the first line".PHP_EOL);
 fwrite($file, "And this is the second line".PHP_EOL);
 fclose($file);
```

Add a line in a file, or create the file if not exists

```php
$file=fopen("append.txt","a");
fwrite($file, "This should be the third line".PHP_EOL);
fclose($file);
```

3. READING A CSV FILE

```php
$file=fopen("agenda.txt","r");
while (!feof($file)) {
     $data=fgetcsv($file,0,',','"');
     print_r($data);
}
```

agenda.txt
"John","Smith","john@gmail.com","6650403234"
"Martha","Ford","martha@gmail.com","65345235"
"David","Garcia","dgarcia@gmail.com","69823422"

4. MAKE A TXT FILES EDITOR WITH PHP :

```php
<body>

<?php
$fn = "file.txt"; //file to save the text

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

$content = $_POST['content'];

$fp = fopen($fn,"w") or die ("Error opening the file");

fputs($fp,$content);

fclose($fp) or die ("Error closing the file");
}
?>
```

```
<div style="width:650px; text-align: center; margin: auto;
background-color: #F0F0F0; border: 1px solid #B3B9D5; border-
color: #B3B9D5; padding: 15px; font-family: Comic Sans Ms, Arial,
Helvetica, sans-serif; color: #717CB0; font-size: 14px;">
Files Editor <strong>txt
</strong><br /><br />
<?php echo "The file is : ".$fn;?>

<form action="" method="post">

<textarea rows="25" cols="60" name="content"><?php
if(file_exists($fn)) readfile($fn); ?></textarea>
<br />
<br />
<input type="submit" value=" Save changes ">
</form>
<br />
</div>
</body>
</html>
```