

C:\xampp\htdocs\index.php - Notepad++

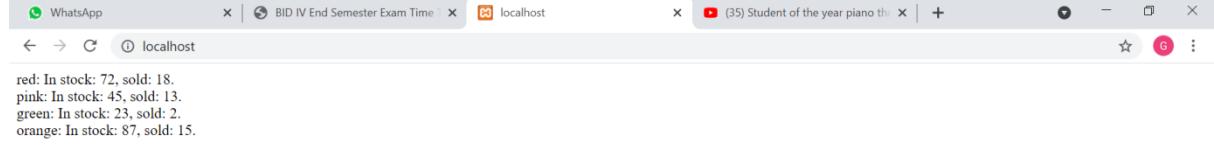
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

outtree_sepboot_ml outfile_parsi_seboot outtree_pari_seboot ginsulin.fas name index.php

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4
5 <?php
6 $colours = array (
7     array("red", 72, 18),
8     array("pink", 45, 13),
9     array("green", 23, 2),
10    array("orange", 87, 15)
11 );
12
13 echo $colours[0][0].": In stock: ".$colours[0][1].", sold: ".$colours[0][2].".<br>";
14 echo $colours[1][0].": In stock: ".$colours[1][1].", sold: ".$colours[1][2].".<br>";
15 echo $colours[2][0].": In stock: ".$colours[2][1].", sold: ".$colours[2][2].".<br>";
16 echo $colours[3][0].": In stock: ".$colours[3][1].", sold: ".$colours[3][2].".<br>";
17
18
19 </body>
```

PHP Hypertext Preprocessor file length : 505 lines : 19 Ln : 16 Col : 70 Sel : 0 | 0 Unix (LF) UTF-8 INS

Windows Search 21:02 ENG 10-05-2021



Windows Search 21:02 ENG 10-05-2021

8. Create a page to demonstrate usage of sort() function.

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several pinned icons. Below the taskbar, a Notepad++ window is open, displaying a PHP script named index.php. The script contains code to print three colors (red, pink, green) on a new line each. The browser window below shows the output of the script: "green", "pink", and "red" on separate lines.

```

<!DOCTYPE html>
<html>
<body>
<?php
$colours = array("red", "pink", "green");
sort($colours);

$clength = count($colours);
for($x = 0; $x < $clength; $x++) {
    echo $colours[$x];
    echo "<br>";
}
?>
</body>
</html>

```

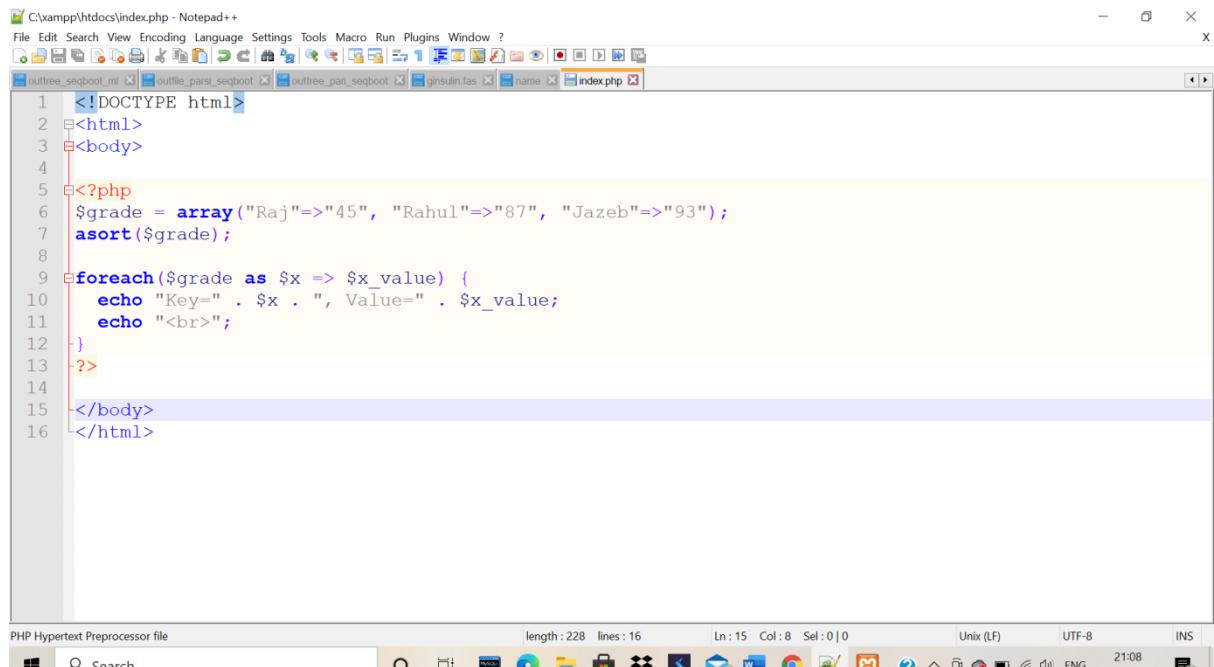
9. Create a page to demonstrate usage of rsort() function.

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several pinned icons. Below the taskbar, a Notepad++ window is open, displaying a PHP script named index.php. The script contains code to print three colors (red, pink, blue) on a new line each. The Notepad++ status bar indicates the file is a PHP Hypertext Preprocessor file, with a length of 217, 17 lines, and the current line at Ln:4 Col:1 Sel:0|0. The status bar also shows Unix (LF), UTF-8, and INS mode. Below the Notepad++ window, a browser window is open to the URL localhost, showing the output of the PHP script: "red", "pink", and "blue" on separate lines. The browser's status bar shows the page title "(35) Student of the year piano th" and the date/time 10-05-2021 21:05.

```
<!DOCTYPE html>
<html>
<body>
<?php
$colours = array("red", "pink", "blue");
rsort($colours);

$clength = count($colours);
for($x = 0; $x < $clength; $x++) {
    echo $colours[$x];
    echo "<br>";
}
?>
</body>
</html>
```

10. Create a page to demonstrate usage of asort() function.

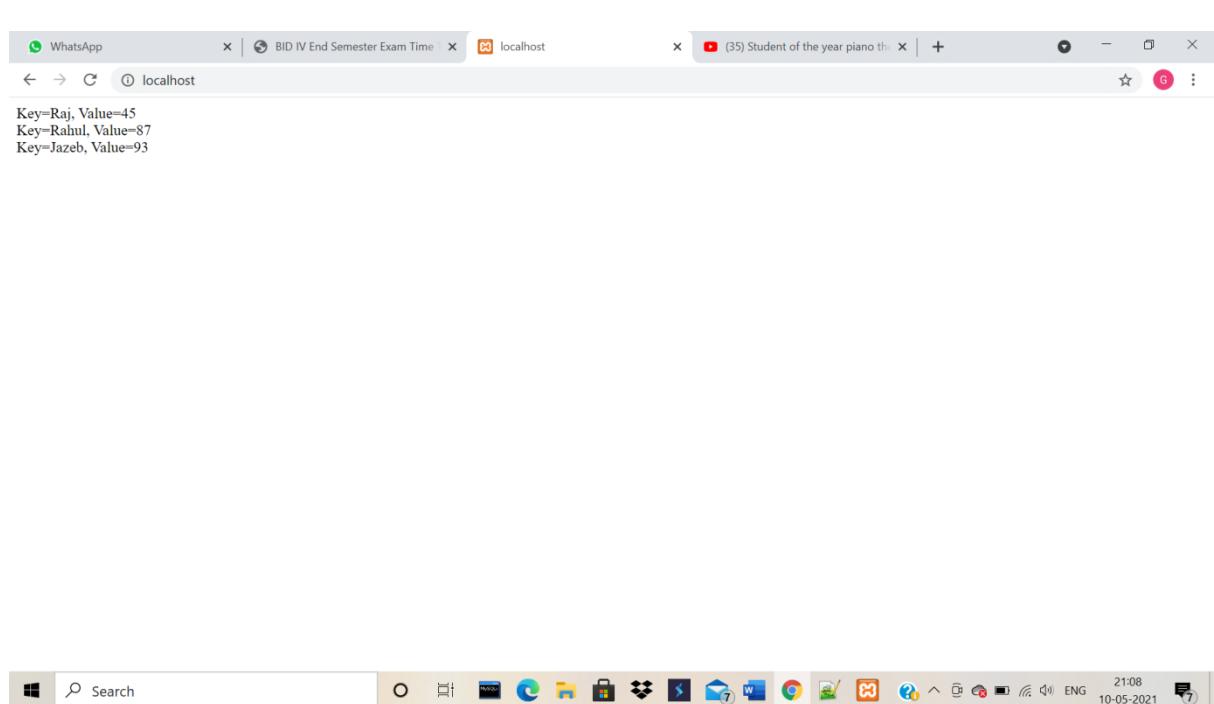


The screenshot shows a Notepad++ window with the file path C:\xampp\htdocs\index.php. The code displays an array \$grade with three key-value pairs: Raj=45, Rahul=87, and Jazebo=93. The array is sorted using asort(). The output is then echoed to the browser, resulting in the following text:

```

Key=Raj, Value=45
Key=Rahul, Value=87
Key=Jazebo, Value=93

```



The taskbar shows several open browser tabs, including WhatsApp, BID IV End Semester Exam Time, localhost, and Student of the year piano th. The localhost tab displays the output of the PHP code.

11. Create a page to demonstrate usage of ksort() function

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with various pinned icons. Below the taskbar, a Notepad++ window is open, displaying a PHP script named index.php. The script contains code to print an array of student grades. The browser window below shows the output of the script, which is a simple list of student names and their corresponding scores.

```
<!DOCTYPE html>
<html>
<body>
<?php
$grade = array("Roy"=>"85", "Rahul"=>"57", "Jay"=>"53");
ksort($grade);

foreach($grade as $x => $x_value) {
    echo "Key=" . $x . ", Value=" . $x_value;
    echo "<br>";
}
?>
</body>
</html>
```

PHP Hypertext Preprocessor file length : 226 lines : 16 Ln : 9 Col : 16 Sel : 0 | 0 Unix (LF) UTF-8 INS

BID IV End Semester Exam Time x localhost x (35) Student of the year piano th x +

Key=Jay, Value=53
Key=Rahul, Value=57
Key=Roy, Value=85

12 Create a page to demonstrate usage of arsort() finetion.

The screenshot shows a Notepad++ window with the file path C:\xampp\htdocs\index.php. The code displays an array \$grade with three key-value pairs: Rishi=75, Jay=37, and Rahul=49. The array is sorted by value in descending order using krsort(). The output is then echoed to the browser.

```
<!DOCTYPE html>
<html>
<body>
<?php
$grade = array("Rishi"=>"75", "Jay"=>"37", "Rahul"=>"49");
ksort($grade);

foreach($grade as $x => $x_value) {
    echo "Key=" . $x . ", Value=" . $x_value;
    echo "<br>";
}
?>
</body>
</html>
```

PHP Hypertext Preprocessor file length : 229 lines : 16 Ln : 9 Col : 15 Sel : 0 | 0 Unix (LF) UTF-8 INS

Windows Search 21:12 ENG 10-05-2021



Windows Search 21:12 ENG 10-05-2021

12. Create a page to demonstrate usage of krsort() function.

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with various pinned icons. Below the taskbar, a Notepad++ window is open, displaying a PHP script named index.php. The script contains code to print key-value pairs from an array. The browser window below shows the output of this script, which is three lines of text: "Key=Rohan, Value=39", "Key=Raj, Value=99", and "Key=Jay, Value=43".

```

C:\xampp\htdocs\index.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_seqboot_ml index.php
1 <!DOCTYPE html>
2 <html>
3 <body>
4
5 <?php
6 $grade = array("Rohan"=>"39", "Raj"=>"99", "Jay"=>"43");
7 krsort($grade);
8
9 foreach($grade as $x => $x_value) {
10   echo "Key=" . $x . ", Value=" . $x_value;
11   echo "<br>";
12 }
13 <?>
14
15 </body>
16 </html>

```

PHP Hypertext Preprocessor file length : 227 lines : 16 Ln : 6 Col : 48 Sel : 0 | 0 Unix (LF) UTF-8 INS

BID IV End Semester Exam Time x localhost x (35) Student of the year piano th x +

Key=Rohan, Value=39
Key=Raj, Value=99
Key=Jay, Value=43

Exercise 20: Working with functions in PHP and demonstrate its usage.
 1. Create a page declaring a simple function in PHP and demonstrate its usage

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several pinned icons. In the center, a Notepad++ window is open, displaying a PHP script named 'index.php'. The code contains a function 'writeMsg' that outputs 'Hello PHP!'. Below the Notepad++ window, the taskbar shows other open applications like WhatsApp, a calendar, and a file explorer. At the bottom, a browser window is open to 'localhost', displaying the output of the PHP code: 'Hello PHP!'. The system tray at the bottom right shows the date and time as 10-05-2021 21:16.

```
<!DOCTYPE html>
<html>
<body>
<?php
function writeMsg() {
    echo "Hello PHP!";
}

writeMsg();
?>

</body>
</html>
```

2. Create pages demonstrating following types of functions in php (use simple interest program):
a Function without parameter, without return value

The screenshot shows a Windows desktop environment. At the top is the Notepad++ application window, titled 'C:\xampp\htdocs\index.php - Notepad++'. The code editor contains the following PHP script:

```

1 <html>
2 <body>
3 <?php
4     function si()
5     {
6         $si = ($p * $t * $r) / 100;
7     }
8     $result=si(100,4,4);
9     echo 'Parameters passed were (100, 4, 4). ' ;
10    ?>
11 </body>
12 </html>

```

The status bar at the bottom of the Notepad++ window indicates: 'PHP Hypertext Preprocessor file', 'length : 150 lines : 12', 'Ln : 9 Col : 40 Sel : 0 | 0', 'Unix (LF)', 'UTF-8', and 'INS'.

The taskbar below the Notepad++ window shows several pinned icons: WhatsApp, Meet - pdt-hjxk-gcd, and a folder icon labeled 'localhost/index.php'. The system tray shows the date and time as '11-05-2021 16:16' and the language as 'ENG'.

Below the taskbar is a browser window titled 'localhost/index.php'. The address bar shows the URL 'localhost/index.php'. The page content displays three warning messages from PHP:

- Warning:** Undefined variable \$p in C:\xampp\htdocs\index.php on line 6
- Warning:** Undefined variable \$t in C:\xampp\htdocs\index.php on line 6
- Warning:** Undefined variable \$r in C:\xampp\htdocs\index.php on line 6

Following the warnings, the output shows: 'Parameters passed were (100, 4, 4)'.

b. Function with parameter, without return value

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several pinned icons. In the center, a Notepad++ window is open, displaying a PHP script named 'index.php'. The code defines a function 'si' that calculates the product of three parameters (\$p, \$r, \$t) and divides it by 100. It then outputs the result along with the passed parameters. Below the Notepad++ window, the taskbar shows other open applications like WhatsApp, a file explorer, and a browser window titled 'localhost'. The browser window displays the output of the PHP script: 'Parameters passed were (100, 2, 2)'.

```
C:\xampp\htdocs\index.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outtree_seqboot_ml outfile_parsi_seqboot outtree_pari_seqboot ginsulin fas name index.php
1 <html>
2 <body>
3 <?php
4 function si($p, $r, $t)
5 {
6 $si= ($p*$r*$t)/100;
7 }
8 $result=si(100, 2, 2);
9 echo 'Parameters passed were (100, 2, 2) ';
10
11 </body>
12 </html>

PHP Hypertext Preprocessor file length : 155 lines : 12 Ln : 8 Col : 19 Sel : 0 | 0 Unix (LF) UTF-8 INS
Windows Search BID IV End Semester Exam Time localhost 21:20 ENG 10-05-2021 8
WhatsApp + Parameters passed were (100, 2, 2)
```

c. Function with parameter, with return value

The screenshot shows a Notepad++ window titled "C:\xampp\htdocs\index.php - Notepad++". The code is a PHP script that defines a function to calculate simple interest and then prints the result. The code is as follows:

```
1 <html>
2 <body>
3
4 <?php
5     function si($p, $r, $t)
6     {
7         $si= ($p*$r*$t)/100;
8         return($si);
9     }
10    $result=si(100, 2, 2);
11    echo 'Parameters passed were (100, 2, 2) therefore, the Simple interest calculated is '.$result;
12    ?>
13 </body>
14 </html>
```

Below the Notepad++ window is a taskbar showing various open applications like WhatsApp, BID IV End Semester Exam Time, and a file explorer.



d. Funcion without parameter, with return value

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with various pinned icons. In the center, a Notepad++ window is open, displaying a PHP script named 'index.php'. The code contains a syntax error at line 11. Below the Notepad++ window, a status bar shows file details: length: 156, lines: 14, Ln: 11, Col: 40, Sel: 0 | 0, Unix (LF), UTF-8, and INS. To the right of the Notepad++ window, a system tray shows the date and time as 16:17 11-05-2021. At the bottom, a browser window is open to 'localhost/index.php', showing the error message: 'Parse error: syntax error, unexpected string content "Parameters passed were (100, 4..." in C:\xampp\htdocs\index.php on line 11'.

Exercise 21: Working with files in php

1. Create a page to open a file, read a file, and display its contents on the screen.

PHP file:

C:\xampp\htdocs\myfirstprogram.php - Notepad++

```
1 <?php
2 $myfile = fopen("yes.txt", "r") or die("Unable to open file!");
3 echo fread($myfile,filesize("yes.txt"));
4 fclose($myfile);
5 ?>
6
```

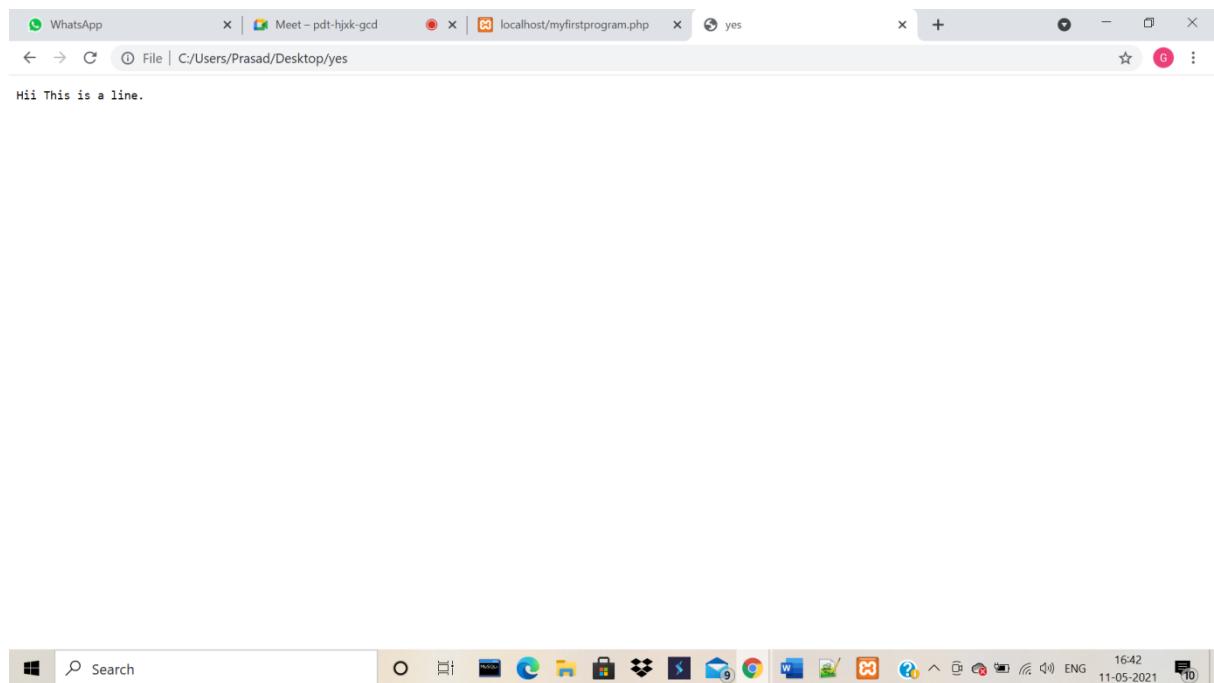
PHP Hypertext Preprocessor file length : 136 lines : 6 Ln : 6 Col : 1 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Text File:

C:\Users\Prasad\Desktop\yes - Notepad++

```
1 Hii This is a line.
```

Normal text file length : 19 lines : 1 Ln : 1 Col : 20 Sel : 0 | 0 Windows (CR LF) UTF-8 INS



2. Create a page to open a file, and write contents onto the file

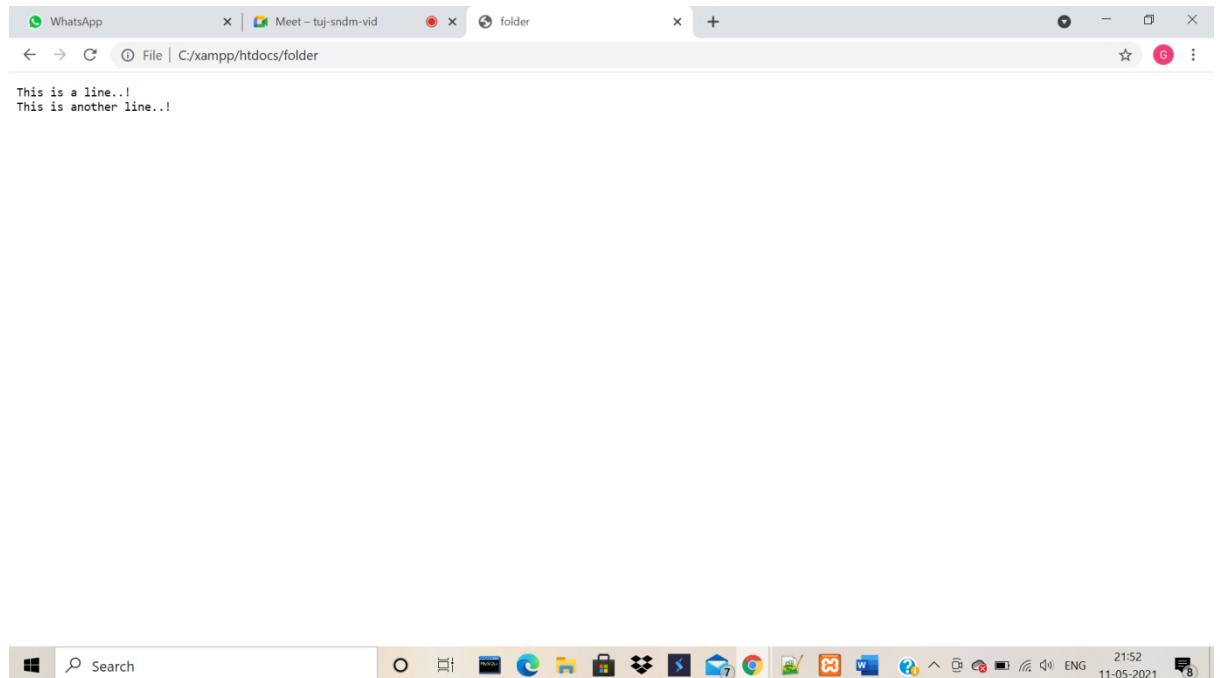
```
C:\xampp\htdocs\myfirstprogram.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outfile_parsi_seqboot outfile_pari_seqboot ginsulin.fas name index.php myfirstprogram.php StudentForm.html folder
1 <html>
2 <body>
3 <?php
4 $myfile = fopen("C:\xampp\htdocs\folder.txt", "w") or die("Unable to open file!");
5 $txt = "This is a line..!\n";
6 fwrite($myfile, $txt);
7 $txt = "This is another line..!\n";
8 fwrite($myfile, $txt);
9 fclose($myfile);
-?>
11
12 </body>
13 </html>

PHP Hypertext Preprocessor file length : 263 lines : 13 Ln : 7 Col : 32 Sel : 0 | 0 Windows (CR LF) UTF-8 INS
Windows Search 21:52 ENG 11-05-2021 8
```



```
C:\xampp\htdocs\folder - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outfile_parsi_seqboot outfile_pari_seqboot ginsulin.fas name index.php myfirstprogram.php StudentForm.html folder
1 This is a line..!
2 This is another line..!

Normal text file length : 42 lines : 2 Ln : 2 Col : 24 Sel : 0 | 0 Windows (CR LF) UTF-8 INS
Windows Search 21:52 ENG 11-05-2021 8
```



Exercise 22 working with forms in php

Exercise 22 Working with forms in PHP

1. Create a page demonstrating form submission using get() method.

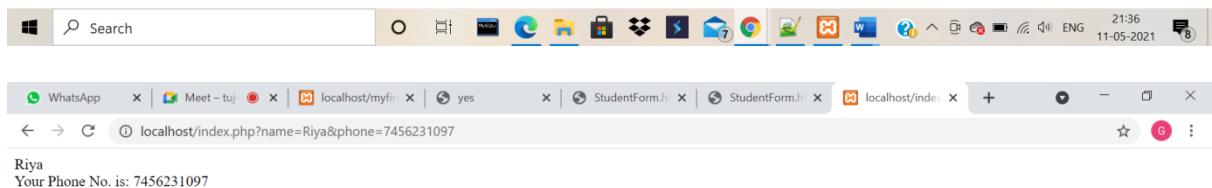
The image shows two windows of Notepad++ side-by-side. The left window displays the file `myfirstprogram.php` with the following code:

```
<!DOCTYPE html>
<html>
<body>
<form action="index.php" method="get">
Name: <input type="text" name="name"><br>
Phone No.: <input type="text" name="phone"><br>
<input type="submit">
</form>
</body>
</html>
```

The right window displays the file `index.php` with the following code:

```
<?php echo $_GET["name"]; ?><br>
Your Phone No. is: <?php echo $_GET["phone"]; ?>
```

A screenshot of a web browser window. The address bar shows the URL `localhost/myfirstprogram.php`. The page contains a form with two input fields: "Name: ". Below it is another input field "Phone No.: ". A "Submit" button is located at the bottom of the form. The browser's tab bar also lists other open tabs like WhatsApp, Meet, StudentForm, etc.



2.Create a page demonstrating form submission using post) method.

C:\xampp\htdocs\myfirstprogram.php - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

outtree_parsi_seqboot.outtree_parsi_seqboot.ginsulin.fas.name.index.php.myfirstprogram.php.yes.StudentForm.html

```

1 <!DOCTYPE html>
2 <html>
3 <body>
4
5 <form action="index.php" method="post">
6 Name: <input type="text" name="name"><br>
7 Phone No.: <input type="text" name="phone"><br>
8 <input type="submit">
9
10 </body>
11 </html>
12

```

PHP Hypertext Preprocessor file length : 222 lines : 12 Ln : 12 Col : 8 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Search

Windows (CR LF) UTF-8 INS

C:\xampp\htdocs\index.php - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

outtree_parsi_seqboot.outtree_parsi_seqboot.ginsulin.fas.name.index.php.myfirstprogram.php.yes.StudentForm.html

```

1 <?php echo $_POST["name"]; ?><br>
2 Your Phone No. is: <?php echo $_POST["phone"]; ?>

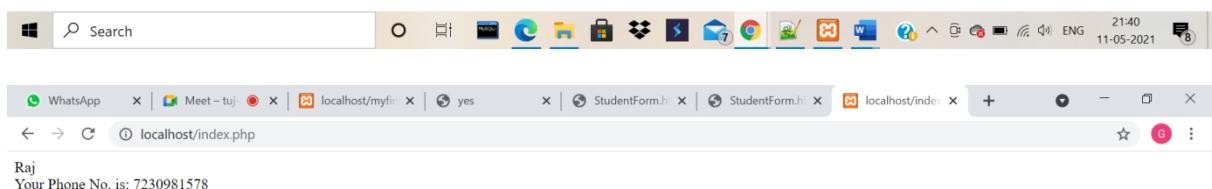
```

PHP Hypertext Preprocessor file length : 83 lines : 2 Ln : 2 Col : 50 Sel : 0 | 0 Unix (LF) UTF-8 INS

Search

Unix (LF) UTF-8 INS

A screenshot of a web browser window. The address bar shows the URL `localhost/myfirstprogram.php`. The page contains an HTML form with two input fields: one for 'Name' containing 'Raj' and one for 'Phone No.' containing '7230981578'. Below the form is a 'Submit' button.



3. Create a page consisting of an interactive form including check boxes, radio buttons, select boxes and other elements if required. Display the input on the screen using php.

Answer:

HTML Codes:

A) database.php

The image shows three vertically stacked Notepad++ windows, each displaying a portion of the database.php file. The top window shows the CSS section, the middle window shows the HTML structure and some PHP, and the bottom window shows the final PHP code.

```
<!DOCTYPE html>
<head><title>Student Details</title>
<style>
body
{
background-color: pink;
color: white;
}

div
{

background-image: url("https://st2.depositphotos.com/1000152/9636/i/950/depositphotos_96366042-stock-photo-pink-textured-back");
background-size: cover;
background-repeat: no-repeat;
background-position:fixed
background-attachment: fixed;

}

.side
{
float: left;
width: 210px;
height: 800px;
background-color: pink;
color: white;
}

.content {
float: left;
width: 650px;
height: 800px;
background-color: white;
color: black;
}

</style>
</head>
<body>
<div><h1>Student Details</h1></div>
<h2><div class='side'>
Student's Name: <br><br><br><br>
Student's Roll No.: <br><br><br>
Phone No.: <br><br><br>
Student's Address: <br><br><br>
Selected Course:<br><br><br>
Favourite Subjects: <br><br><br><br><br>
Activities:<br><br><br><br>
Percentage &nbsp;Obtained:</h2>
</div>
<div class='content'>
<h2>
<?php
$stuname=$_REQUEST["stuname"];
<
```

C:\xampp\htdocs\database.php - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

outline_hema_char_m1 outline_hemo_pari_char outline_hemo_pari_char seq.fas hemoglobin.fas nucleotide.fas nucleotide.fas.mdsx database.php dbms.php studentdetails.php

```
55
56 $sname=$_REQUEST["stuname"];
57 $stuad=$_POST["stuadd"];
58 $phno=$_POST["phno"];
59 $roll=$_POST["rollno"];
60 echo $sname."<br><br><hr>";
61 echo $roll."<br><br><hr>";
62 echo $phno."<br><br><hr>";
63 echo $stuad."<br><br><hr>";

64
65
66 if (isset($_POST['submit']))
67 {
68 if(isset($_POST['course']))
69 {
70 echo $_POST['course']."<br><br><hr>";
71 }
72 }
73
74
75 if(isset($_POST['submit']))
76 {
77 if(!empty($_POST['sub']))
78 {
79
80 foreach($_POST['sub'] as $subject)
81 {
82 echo $subject."<br>";
83 }

PHP Hypertext Preprocessor file length : 2,998 lines : 166 Ln : 26 Col : 26 Sel : 0 | 0 Windows (CR LF) UTF-8 21:24 02-05-2021 INS

C:\xampp\htdocs\database.php - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
outline_hema_char_m1 outline_hemo_pari_char outline_hemo_pari_char seq.fas hemoglobin.fas nucleotide.fas nucleotide.fas.mdsx database.php dbms.php studentdetails.php
```

85
86
87 echo "

<hr>";
88
89
90 if(isset(\$_POST['submit']))
91 {
92 if(!empty(\$_POST['activ']))
93 {
94 foreach(\$_POST['activ'] as \$selected)
95 {
96 echo \$selected."
";
97 }
98 }
99 }
100
101 echo "

<hr>";
102 \$s1=\$_REQUEST["s1"];
103 \$s2=\$_REQUEST["s2"];
104 \$s3=\$_REQUEST["s3"];
105 \$s4=\$_REQUEST["s4"];
106 \$s5=\$_REQUEST["s5"];
107 \$s6=\$_REQUEST["s6"];
108 \$tot=\$s1+\$s2+\$s3+\$s4+\$s5+\$s6;
109 \$percent=\$tot*100/600;
110 echo \$percent."

<hr>";
111 if(\$percent>=70)
112 {
113 echo 'You Passed in First Division.

<hr>';

PHP Hypertext Preprocessor file length : 2,998 lines : 166 Ln : 26 Col : 26 Sel : 0 | 0 Windows (CR LF) UTF-8 21:24 02-05-2021 INS