

ROLDA, Christine Mae B. Rolda
BSIT-2 (BLOCK A)

ACTIVITY: ARRAY AND FUNCTIONS

- **Source Code (array_functions.php):**

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Student Information Records</title>
7      <style>
8          body {
9              font-family: 'Arial', sans-serif;
10             background-color: #f5f5f5;
11             color: #333;
12             margin: 0;
13             padding: 20px;
14             text-align: center;
15         }
16
17         h2 {
18             color: #8080ff;
19             text-align: center;
20         }
21
22         ul {
23             list-style: none;
24             padding: 0;
25         }
26
27         li {
28             margin-bottom: 10px;
29         }
30
31         p {
32             font-size: 18px;
33             color: #28a745;
34             margin-bottom: 20px;
35         }
36
37         .students-container {
38             display: flex;
39             flex-wrap: wrap;
40             justify-content: space-around;
41             max-width: 800px;
42             margin: 0 auto;
43         }
44
45         .student-info {
46             background-color: #fff;
47             border-radius: 10px;
48             box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
49             padding: 20px;
50             margin: 20px;
51             width: 400px;
52             text-align: left;
53         }
54
55         .total-students {
56             font-weight: bold;
57         }
58     </style>

```

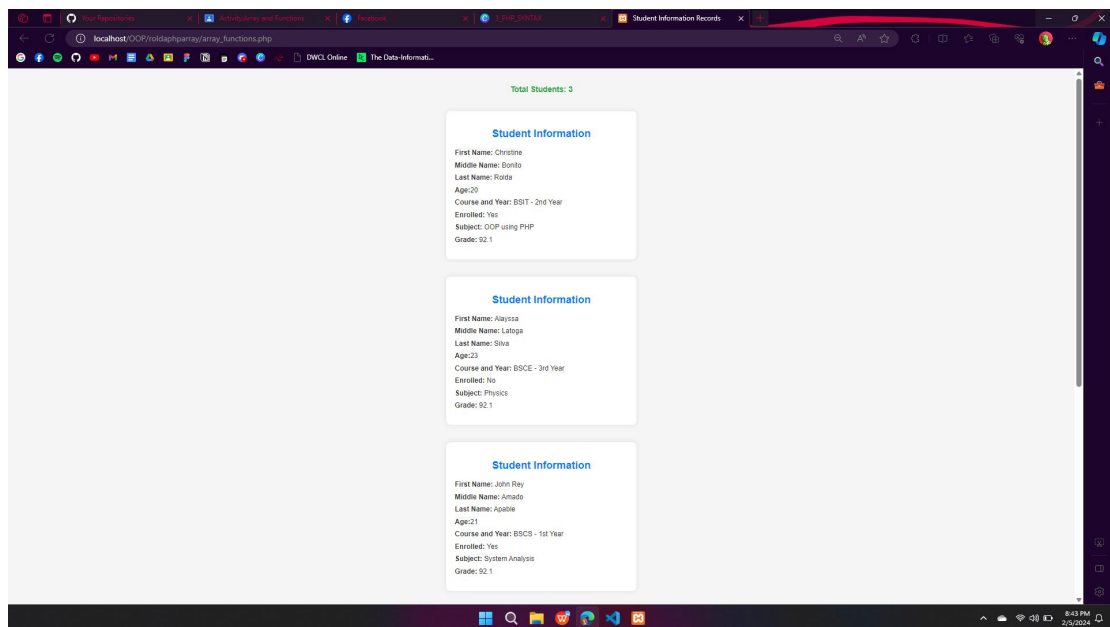
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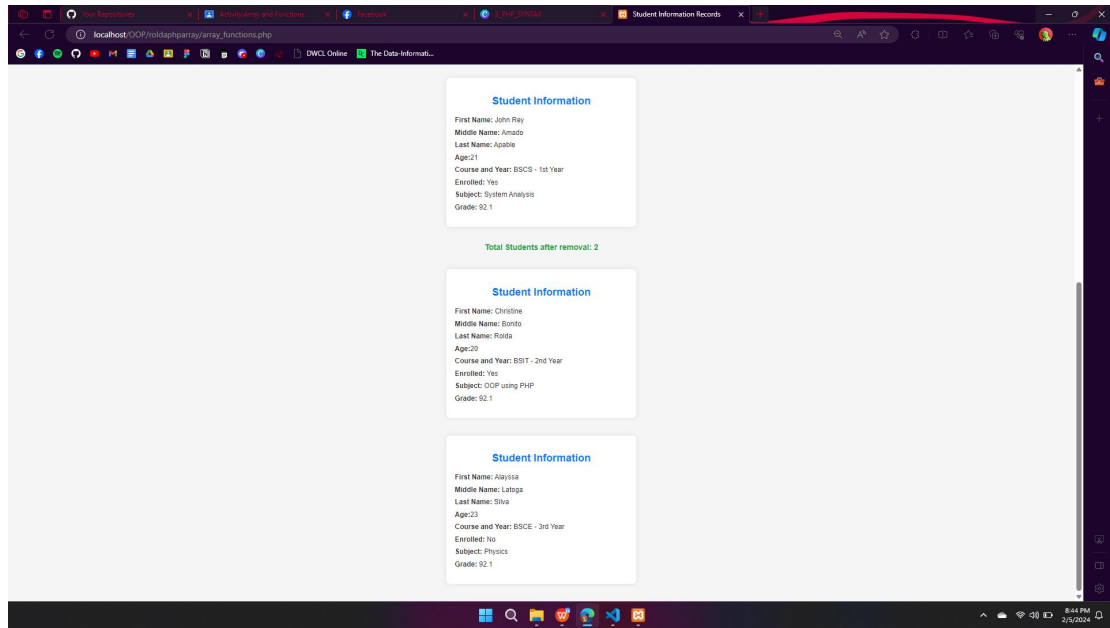
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  <

array_functions.php
59
60 </head>
61 <body>
62
63 </php
64
65 function createStudent($first_name, $middle_name, $last_name, $age, $course_and_year, $enrolled, $subject, $grade) {
66     return array(
67         'first_name' => $first_name,
68         'middle_name' => $middle_name,
69         'last_name' => $last_name,
70         'age' => $age,
71         'course_and_year' => $course_and_year,
72         'enrolled' => $enrolled,
73         'subject' => $subject,
74         'grade' => $grade
75     );
76 }
77
78 function displayStudentInfo($student) {
79     echo "<div class='student-info'>";
80     echo "<h2>Student Information</h2>";
81     echo "<ul>";
82     echo "<li><b>First Name:</b><b> { $student['first_name']}</li>";
83     echo "<li><b>Middle Name:</b><b> { $student['middle_name']}</li>";
84     echo "<li><b>Last Name:</b><b> { $student['last_name']}</li>";
85     echo "<li><b>Age:</b><b> { $student['age']}</li>";
86     echo "<li><b>Course and Year:</b><b> { $student['course_and_year']}</li>";
87     echo "<li><b>Enrolled:</b><b> { $student['enrolled']}</li>";
88     echo "<li><b>Subject:</b><b> { $student['subject']}</li>";
89     echo "<li><b>Grade:</b><b> { $student['grade']}</li>";
90     echo "</ul>";
91     echo "</div>";
92 }
93
94 $students = array();
95
96 $student1 = createStudent('Christine', 'Bonito', 'Rolda', 20, 'BSIT - 2nd Year', 'Yes', 'OOP using PHP', 92.1);
97 $student2 = createStudent('Alyssa', 'Lataga', 'Silve', 23, 'BSCE - 3rd Year', 'No', 'Physics', 92.1);
98 $student3 = createStudent('John Rey', 'Amoso', 'Apolo', 21, 'BSCE - 1st Year', 'Yes', 'System Analysis', 92.1);
99
100 array_push($students, $student1, $student2, $student3);
101
102 echo "<p class='total-students'>Total Students: " . count($students) . "</p>";
103
104 echo "<div class='students-container'>";
105
106 foreach ($students as $student) {
107     displayStudentInfo($student);
108 }
109
110 echo "</div>";
111
112 array_pop($students);
113
114 echo "<p class='total-students'>Total Students after removal: " . count($students) . "</p>";
115
116 echo "<div class='students-container'>";
```

```
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EXPLORER
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75 |
76 |
77 }
78 function displayStudentInfo($student) {
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80     echo "<h2>Student Information</h2>";
81     echo "<ul>";
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87     echo "<li><b>Enrolled:</b> { $student['enrolled']}</li>";
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94 $students = array();
95
96 $student1 = createStudent('Christine', 'Bonito', 'Rolda', 20, 'BSIT - 2nd Year', 'Yes', 'OOP using PHP', 92.1);
97 $student2 = createStudent('Alaysia', 'Lataga', 'Silva', 23, 'BSCE - 3rd Year', 'No', 'Physics', 92.1);
98 $student3 = createStudent('John Ray', 'Amado', 'Apable', 21, 'BSCS - 1st Year', 'Yes', 'System Analysis', 92.1);
99
100 array_push($students, $student1, $student2, $student3);
101
102 echo "<p class='total-students'>Total Students: " . count($students) . "</p>";
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104 echo "<div class='students-container'>";
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106 foreach ($students as $student) {
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114 echo "<p class='total-students'>Total Students after removal: " . count($students) . "</p>";
115
116 echo "<div class='students-container'>";
117
118 foreach ($students as $student) {
119     displayStudentInfo($student);
120 }
121
122 echo "</div>";
123
124 >>
125
126 </body>
127 </html>
128
```

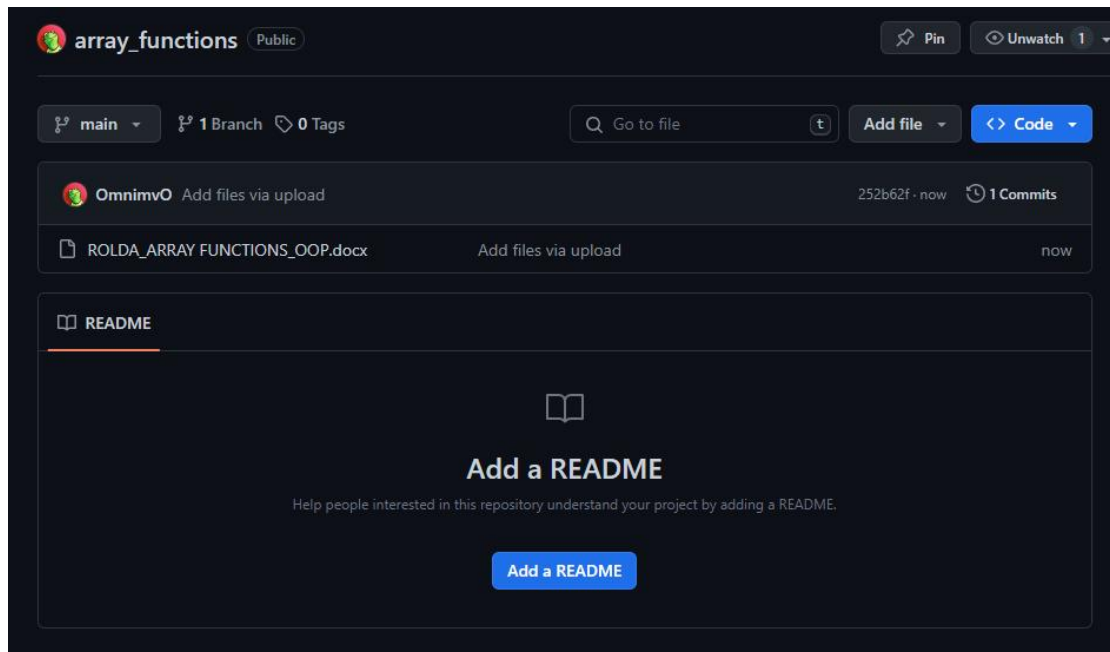
- Output:





FILE AND FOLDERS UPLOADED TO GITHUB:

Link: https://github.com/OmnimvO/array_functions.git



ALL SOURCE CODES FOR ARRAY AND FUNCTIONS:

- **Source Code (array_functions.php):**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Information Records</title>
  <style>
    body {
      font-family: 'Arial', sans-serif;
      background-color: #f5f5f5;
      color: #333;
      margin: 0;
      padding: 20px;
      text-align: center;
    }

    h2 {
      color: #007bff;
      text-align: center;
    }

    ul {
      list-style: none;
      padding: 0;
    }

    li {
      margin-bottom: 10px;
    }

    p {
      font-size: 18px;
      color: #28a745;
      margin-bottom: 20px;
    }

    .students-container {
      display: flex;
      flex-wrap: wrap;
      justify-content: space-around;
      max-width: 800px;
      margin: 0 auto;
    }

    .student-info {
      background-color: #fff;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      padding: 20px;
      margin: 20px;
    }
```

```

        width: 400px;
        text-align: left;
    }

    .total-students {
        font-weight: bold;
    }
</style>

</head>
<body>

<?php

function createStudent($first_name, $middle_name, $last_name, $age, $course_and_year, $enrolled,
$subject, $grade) {
    return array(
        'first_name' => $first_name,
        'middle_name' => $middle_name,
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function displayStudentInfo($student) {
    echo "<div class='student-info'>";
    echo "<h2>Student Information</h2>";
    echo "<ul>";
    echo "<li><b>First Name:</b> {$student['first_name']}</li>";
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    echo "<li><b>Enrolled:</b>{$student['enrolled']}</li>";
    echo "<li><b>Subject:</b>{$student['subject']}</li>";
    echo "<li><b>Grade:</b>{$student['grade']}</li>";
    echo "</ul>";
    echo "</div>";
}

$students = array();

$student1 = createStudent('Christine', 'Bonito', 'Rolda', 20, 'BSIT - 2nd Year', 'Yes', 'OOP using PHP',
92.1);
$student2 = createStudent('Alayssa', 'Latoga', 'Silva', 23, 'BSCE - 3rd Year', 'No', 'Physics', 92.1);
$student3 = createStudent('John Rey', 'Amado', 'Apable', 21, 'BSCS - 1st Year', 'Yes', 'System Analysis',
92.1);

array_push($students, $student1, $student2, $student3);

echo "<p class='total-students'>Total Students: " . count($students) . "</p>";

echo "<div class='students-container'>";

```

```
foreach ($students as $student) {
    displayStudentInfo($student);
}

echo "</div>";

array_pop($students);

echo "<p class='total-students'>Total Students after removal: " . count($students) . "</p>";

echo "<div class='students-container'>";

foreach ($students as $student) {
    displayStudentInfo($student);
}

echo "</div>";
?>

</body>
</html>
```