



Subject: Web Application

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Assignment Lab2➡

Exercise1: Output

The second element of the index array is: banana

Display all data in this array using loop foreach with unordered list html tag:

- orange
- banana
- dragon fruit
- apple
- longan

Display all data in this array using loop for 0 orange

1 banana
2 dragon fruit
3 apple
4 longan

Display all data in this array using loop foreach

- orange
- banana
- dragon fruit
- apple
- longan

Code:

```
1 + v <?php
2     $fruit = ['orange', 'banana', 'dragon fruit', 'apple', 'longan'];
3     echo " <p>The second element of the index array is: $fruit[1]</P> ";
4     echo " Display all data in this array using loop foreach with unordered list html tag:";
5     foreach($fruit as $data){
6         echo"
7         <ul>
8         <li> $data</li>
9         </ul>
10        ";
11    }
12    echo "Display all data in this array using loop for";
13    for($i=0 ; $i<count($fruit) ; $i++){
14        echo " $i $fruit[$i] <br>";
15    }
16    array_push($fruit, 'grape');
17    array_pop($fruit);
18    echo " Display all data in this array using loop foreach";
19    foreach($fruit as $data){
20        echo"
21        <ul>
22        <li> $data</li>
23        </ul>
24        ";
25    }
26
27 ?>
28
```

Exercise2:

Output

Display all numbers in this array to the web page using p tag. All data should be displayed separated by comma (do not enter):

12, 28, 38, 73, 94, 30, 62, 96, 7, 99, 23, 7, 28, 96, 55, 91, 60, 36, 44, 7, 2, 79, 45, 10, 63, 37, 79, 50, 70, 79, 29, 65, 33, 38, 8, 39, 60, 48, 26, 88, 70, 77, 57, 44, 78, 88, 57, 15, 5, 64,

Display all data separated by comma:

2, 5, 7, 7, 7, 8, 10, 12, 15, 23, 26, 28, 28, 29, 30, 33, 36, 37, 38, 38, 39, 44, 44, 45, 48, 50, 55, 57, 57, 60, 60, 62, 63, 64, 65, 70, 70, 73, 77, 78, 79, 79, 79, 88, 88, 91, 94, 96, 96, 99,

Display all data separated by comma:

2, 5, 7, 7, 7, 8, 10, 12, 15, 23, 26, 28, 28, 29, 30, 33, 36, 37, 38, 38, 39, 44, 44, 45, 48, 50, 55, 57, 57, 60, 60, 62, 63, 64, 65, 70, 70, 73, 77, 78, 79, 79, 79, 88, 88, 91, 94, 96, 96, 99, 2024,

Code:

```
1  <?php
2  $randomnumber= [];
3  for($n = 0; $n<50; $n++){
4      $randomnumber[] = rand(1,100);
5  }
6  echo " Display all numbers in this array to the web page using p tag. All data should be displayed
7  separated by comma (do not enter):<br>";
8  for($r = 0 ; $r <count($randomnumber); $r++){
9      echo " $randomnumber[$r] ,";
10
11 } echo"<br>";
12 echo'Display all data separated by comma:<br>';
13 sort($randomnumber);
14 for($s=0 ; $s< count($randomnumber); $s++){
15     echo " $randomnumber[$s] ,";
16 }
17 echo"<br>";
18 echo'Display all data separated by comma:<br>';
19 array_push($randomnumber,2024);
20 sort($randomnumber);
21 for($p=0 ; $p< count($randomnumber); $p++){
22     echo " $randomnumber[$p] ,";
23 }
24 ?>
```

Exercise3:

Output:

ID	First Name	Last Name	Gender
IDTB090029	CHIM	VINE	Male
DTB090046	EM	SEREYVATHNA	Male
IDTB090052	HENG	PANHARANITH	Male
IDTB090064	HOOR	LIVHOUNG	Female
IDTB090072	KAO	VICHET	Male
DTB090098	KONG	TIVOEN	Male
DTB090099	KORN	CHHIMHENG	Female
IDTB090103	LAY	SATYA	Female
IDTB090104	LAY	SOPANHA	Male
IDTB090105	LEANG	HONGHAV	Male
IDTB090106	LEAP	PUNLEU	Female
IDTB090108	LIM	HUOT	Female
IDTB090111	LONG	CHANPANHAVATH	Male
IDTB090116	LY	MENGTHONG	Male
IDTB090123	MOEUN	VITOUKHEMRINDH	Female
IDTB090124	MOM	MONYCHOT	Female
IDTB090130	NARIN	PICH	Male
IDTB090141	ORNCHANN	LYHOV	Male
IDTB090142	ORT	CHHEAVMENG	Female
IDTB090145	OUK	SREYSOR	Female
IDTB090147	PA	KOTTHRAYOTHE	Male
IDTB090254	POV	RATHNA	Male
IDTB090183	SANG	HAKSOU	Female
IDTB090185	SAPHORN	THIDA	Female
IDTB090197	SINARA	SETH	Male
IDTB090213	SOVAN	CHANDARA	Male
IDTB090216	SRUN	SRORN	Female
IDTB090056	HENG	VISAL	Female
IDTB090218	SUNG	KIMTEANG	Female

Code:

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```
1 <?php
2 $student = array(
3     //1-4
4     array(
5         'id' => 'IDTB090029',
6         'fname' => 'CHIM ',
7         'lname' => 'VINE ',
8         'gender' => 'Male',
9     ),
10
11     array(
12         'id' => 'DTB090046',
13         'fname' => 'EM',
14         'lname' => 'SEREYVATHNA',
15         'gender' => 'Male',
16     ),
17
18     array(
19         'id' => 'IDTB090052',
20         'fname' => 'HENG',
21         'lname' => 'PANHARANITH ',
22         'gender' => 'Male',
23     ), array(
24         'id' => 'IDTB090064',
25         'fname' => 'HOUR ',
26         'lname' => 'LIVHOUNG',
27         'gender' => 'Female',
28     ),
29
30 ),
31
32 //5-8
33 array(
34     'id' => 'IDTB090072',
35     'fname' => 'KAO ',
36     'lname' => 'VICHET',
```

```
31
32 //5-8
33 array(
34     'id' => 'IDTB090072',
35     'fname' => 'KAO ',
36     'lname' => 'VICHET',
37     'gender' => 'Male',
38
39 ),
40 array(
41     'id' => 'DTB090098',
42     'fname' => 'KONG ',
43     'lname' => 'TIVOEN',
44     'gender' => 'Male',
45
46 ),
47 array(
48     'id' => 'DTB090099',
49     'fname' => 'KORN ',
50     'lname' => 'CHHIMHENG',
51     'gender' => 'Female',
52
53 ), array(
54     'id' => 'IDTB090103',
55     'fname' => 'LAY ',
56     'lname' => 'SATYA',
57     'gender' => 'Female',
58
59 ),
60
61 //9-12
62 array(
63     'id' => 'IDTB090104',
64     'fname' => 'LAY ',
65     'lname' => 'SOPANHA',
66     'gender' => 'Male',
```

```
<style>
    table{
        width:50%;
        margin:auto;
        padding: auto;
    }
</style>
<table border="1">
    <tr>
        <td> ID</td>
        <td> First Name </td>
        <td> Last Name </td>
        <td> Gender</td>
    </tr>
    <?php
    foreach($student as $s){
    ?>
    <tr>
        <td> <?php
        echo $s['id'];
        ?></td>
        <td> <?php
        echo $s['fname'];
        ?></td>
        <td> <?php
        echo $s['lname'];
        ?></td>
        <td> <?php
        echo $s['gender'];
        ?></td>
```

Ex

Output:

Name	Stock	Sold
Volvo	22	18
BMW	15	13
Saab	5	2
Land Rover	17	15

```
1  <?php
2      $shop = array(
3          array(
4              "name" => "Volvo",
5              "Stock" => 22,
6              "sold" => 18
7          ),
8          array(
9              "name" => "BMW",
10             "Stock" => 15,
11             "sold" => 13
12          ),
13          array(
14              "name" => "Saab",
15              "Stock" => 5,
16              "sold" => 2
17          ),
18          array(
19              "name" => "Land Rover",
20              "Stock" => 17,
21              "sold" => 15
22          )
23      );
24  ?>
25
26  <table border="1">
27      <tr>
28          <td> Name</td>
29          <td> Stock </td>
30          <td> Sold </td>
31      </tr>
32      <?php
33          foreach($shop as $s){
34              ?>
35              <tr>
36                  <td> <?php
```

```

37                      echo $s['name'];
38                  ?></td>
39                  <td> <?php
40                      echo $s['Stock'];
41                  ?></td>
42                  <td> <?php
43                      echo $s['sold'];
44                  ?></td>
45              </tr>
46          }
47      ?>
48  </table>
```


Excercise5:


Output:



Model is:MSI

Name is: Titan 18 HX A14V1
Core:i9-14900HX
RAM:128GB
SSD:4TB

\$5,399.99




Model is:ACER

Name is: Acer Aspire 5 A515-58GM
Core:i7 1335U
RAM:8GB
SSD:512

\$649.00

\$699.00



Model is:ASUS

Name is: Asus Vivobook X415MA_EK769W
Core:Celeron N4020
RAM:4GB
SSD:512GB

\$289.00


\$359.00



Model is:APPLE

Name is:MacBook Pro 16
Core:M3 Max
RAM:36GB
SSD:1TB / 16.2"

\$3,629.00




Model is:APPLE

Name is:MacBook Pro 16
Core:M3 Pro
RAM:36GB
SSD:512GB / 16.2"

\$3,099.00


\$3,099.00



Model is:LENOVO

Name is:Lenovo ThinkPad E16 G1
Core:i5 1335U
RAM:16GB
SSD:512GB

\$799.00



Model is:ACER

Name is: Acer Aspire 5 A515-58GM
Core:i5 1335U
RAM:8GB
SSD:512

\$549.00

\$599.00




Model is:APPLE

Name is:MacBook Pro 14
Core:M3 Max
RAM:18GB
SSD:512GB / 16.2"

\$2,669.00

\$2,699.00



Model is:APPLE

Name is:MacBook Pro 14
Core:M3 Max
RAM:36GB
SSD:1TB / 14.2"

\$3,399.00

Code:

```
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1 <?php
2 $data = [
3 + [
4     "model" => "MSI",
5     "name" => "Titan 18 HX A14VI",
6     "core" => "i9-14900HX",
7     "ram" => "128GB",
8     "ssd" => "4TB",
9     "oprice" => "",
10    "dprice" => "$5,399.99",
11    "image" => "<img src=m1.jpg>"
12 ],
13
14 [
15     "model" => "ACER",
16     "name" => "Acer Aspire 5 A515-58GM",
17     "core" => "i7 1355U",
18     "ram" => "8GB",
19     "ssd" => "512",
20     "oprice" => "$649.00",
21     "dprice" => "$699.00",
22     "image" => "<img src=m2.jpg>"
23 ],
24 [
25     "model" => "ASUS",
26     "name" => "Asus Vivobook X415MA_EK769W",
27     "core" => "Celeron N4020",
28     "ram" => "4GB",
29     "ssd" => "512GB",
30     "oprice" => "$289.00",
31     "dprice" => "$359.00",
32     "image" => "<img src=m3.jpg>"
33 ],
34 [
35     "model" => "APPLE",
36     "name" => "MacBook Pro 16",
```

```
exercices.php
35     "model" => "APPLE",
36     "name" => "MacBook Pro 16",
37     "core" => "M3 Max",
38     "ram" => "36GB",
39     "ssd" => "1TB / 16.2",
40     "oprice" => "",
41     "dprice" => "$3,629.00",
42     "image" => "<img src=m4.jpg>"
43 ],
44 [
45     "model" => "APPLE",
46     "name" => "MacBook Pro 16",
47     "core" => "M3 Pro",
48     "ram" => "36GB",
49     "ssd" => "512GB / 16.2",
50     "oprice" => "$3,099.00",
51     "dprice" => "$3,099.00",
52     "image" => "<img src=m4.jpg>"
53 ],
54 [
55     "model" => "LENOVO",
56     "name" => "Lenovo ThinkPad E16 G1",
57     "core" => "i5 1335U",
58     "ram" => "16GB",
59     "ssd" => "512GB",
60     "oprice" => "",
61     "dprice" => "$799.00",
62     "image" => "<img src=m5.jpg>"
63 ],
64
65 [
66 +     "model" => "ACER",
67     "name" => "Acer Aspire 5 A515-58GM",
68     "core" => "i5 1335U",
69     "ram" => "8GB",
70     "ssd" => "512",
71     "oprice" => "$549.00",
```

```

17
<?php
foreach($data as $d){
?>

    <style>
        .product {

            border: 1px solid #170a0a;
            border-radius: 5px;
            padding: 1em;
            margin: 1em;

            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }
        #old{
            text-decoration: line-through;
            color: grey;
        }
        .item{

            display: inline-block;
        }

    </style>
    <div class="item">

        <div class="product">
            <?php
            echo $d['image'];
            ?>

            <h4> <?php
            echo "Model is:". $d['model'];
            ?></h4>

```

```

Exercises.php
136
137     <?php
138     echo $d['image'];
139     ?>
140 +
141     <h4> <?php
142     echo "Model is:". $d['model'];
143     ?></h4>
144
145     <p> <?php
146     echo "Name is:". $d['name']. "<br>";
147     echo "Core:" . $d['core']. "<br>";
148     echo "RAM:" . $d['ram']. "<br>";
149     echo "SSD:" . $d['ssd']. "<br>";
150     ?>
151     <h3 id="old">
152     <?php
153     echo $d['oprice']. "<br>";
154     ?>
155     </h3> /#old
156     <h3>
157     <?php
158     echo $d['dprice']. "<br>";
159     ?>
160     </h3 id="dis">
161
162 </div> /.product
163 </div> /.item
164
165 <?php
    ]?>

```

Excercise:6

Output:

Type	English	Khmer
fruit	apple	ផ្លែប៉ោម
fruit	banana	ផ្លែចេក
fruit	orange	ក្រូច
fruit	grape	ផ្លែទំពាំងបាយជូរ
occupation	teacher	គ្រូបង្រៀន
occupation	doctor	វេជ្ជបណ្ឌិត
occupation	student	សិស្ស
occupation	Mobile app developer	អ្នកអភិវឌ្ឍន៍កម្មវិធីទូរស័ព្ទ
occupation	Web Developer	អ្នកអភិវឌ្ឍន៍កម្មវិធីវេប
occupation	Data scientist	អ្នកវិទ្យាសាស្ត្រទិន្នន័យ
courses	Math	គណិតវិទ្យា
courses	English	អង់គ្លេស
courses	Computer	កុំព្យូទ័រ
courses	Physics	រូបវិទ្យា
courses	Biology	ជីវវិទ្យា
courses	Chemistry	គីមីវិទ្យា

Code:

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```
1 + <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=
6     device-width, initial-scale=1.0">
7     <title>Lab2_Ex6</title>
8     <link href="./style.css">
9     <link href="https://cdn.jsdelivr.net/
10    npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
11    rel="stylesheet" integrity="sha384-
12    T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
13    crossorigin="anonymous">
14 </head>
15 <style>
16     .container{
17         width: 60%;
18     }
19     thead{
20         width: 100%;
21         background-color: green;
22     }
23 </style>
24 <body>
25     <?php
26         $data = [
27             "fruit" => [
28                 "apple" => "ផ្លែប៉ោម",
29                 "banana" => "ផ្លែចេក",
30                 "orange" => "ល្ងី",
31                 "grape" => "ផ្លែទំពាំងបាយជូរ"
32             ],
```

```
66         <tbody class="table-primary">
67             <tr>
68                 <td><?php echo $type ?></td>
69                 <td><?php echo $english ?></td>
70                 <td><?php echo $khmer ?></td>
71             </tr>
72         </tbody>/.table-primary
73         <?php
74             }
75         }
76     ?>
77     </table>/.table.table-bordered
78
79     </div>/.table-responsive.text-center
80 </div>/.container.mt-5
81 </body>
82 </html>
```