

# Server-side Web Development

## Unit 03. Control structures. Functions

### Practice 04



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## 1 PRACTICE 04

### 1.1 Exercise 01

Print the numbers between 1 and 25 separated by commas.

Result: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25

### 1.2 Exercise 02

Repeat the exercise 01, but this time print in bold the numbers divisible by 5.

Result: 1,2,3,4,**5**,6,7,8,9,**10**,11,12,13,14,**15**,16,17,18,19,**20**,21,22,23,24,**25**

### 1.3 Exercise 03

Given this array, display on screen only the pair numbers.

```
1 $array=array(10,4,5,7,8,11,222,33,14);
```

Result: **10 4 8 222 14**

### 1.4 Exercise 04

Given the same array of the previous exercise, display on screen only the numbers placed in pair positions.

```
1 $array=array(10,4,5,7,8,11,222,33,14);
```

Result: **10 5 8 222 14**

### 1.5 Exercise 05

Given an array with names and phones

```
1 $phones=array("John"=>"123123", "Louise"=>"952342", "Mary"=>"852342",  
2               "David"=>"9692834", "Annie"=>"75324", "Martin"=>"959235");
```

Show the names and phones where the phone number starts with 9.

Result: **Louise:952342 David:9692834 Martin:959235**

Solutions:

```
1 <h1 style="color:blue;">Practice 04</h1>
2 <h2>Exercise 1</h2>
3 <?php
4 for($i=1;$i<=25;$i++) {
5     echo ($i<25?"$i,":"$i");
6 }
7 ?>
8 <h2>Exercise 2</h2>
9 <?php
10 for($i=1;$i<=25;$i++) {
11     echo ($i%5==0?"<strong>":"");
12     echo $i;
13     echo ($i%5==0?"</strong>":"");
14     echo ($i<25?", ":"");
15 }
16 ?>
17 <h2>Exercise 3</h2>
18 <?php
19 $array=array(10,4,5,7,8,11,222,33,14);
20 foreach($array as $value) {
21     echo ($value%2==0?$value." ":"");
22 }
23 ?>
24 <h2>Exercise 4</h2>
25 <?php
26 $array=array(10,4,5,7,8,11,222,33,14);
27 foreach($array as $key=>$value) {
28     echo ($key%2==0?$value." ":"");
29 }
30 ?>
31 <h2>Exercise 5</h2>
32 <?php
33 $phones=array("John"=>"123123","Louise"=>"952342","Mary"=>"852342",
34 "David"=>"9692834","Annie"=>"75324","Martin"=>"959235");
35 foreach($phones as $key=>$value) {
36     if(substr($value,0,1)=="9") {
37         echo "$key:$value ";
38     }
39 }
40 ?>
```