

Exercise 1:

```
<?php
/*echo "Sed ut perspiciatis unde omnis iste natus error sit
voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque
ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae
dicta sunt explicabo." ;*/
>?
//for ($i= 0 ; $i< 100 ; $i++) {}
```

Excercise 2:

```
<?php

$a=1000;
$b=1200;
$c=1400;

echo "The sum of a,b and c is " . ($a + $b + $c);

?>
```

Excercise 3:

\$number1 and \$number are not global variables and were not defined inside the function, therefore the function addNumbers() will not recognize them and as a result will not print anything out.

Excercise 4:

```
<?php
$testString = "Hello World";
$testString = strtolower($testString);
echo $testString;

?>
```

Excercise 5:

```
<?php
$name = "George";
$age = 50;
$male = true;
$list = [1, 2 , 5, 8 , 9];

echo "Value is " . gettype($name); \n
echo "Value is " . gettype($age); \n
echo "Value is " . gettype($male); \n
echo "Value is " . gettype($list);
?>
```

Excercise 6:

```
<?php
echo "10+5=" . (10 + 5) . " ";
echo "10-5=" . (10 - 5) . " ";
echo "10/5=" . (10 / 5) . " ";
echo "10*5=" . (10 * 5) . " ";
```

```
echo "10^5=" . pow(10,5)." ";
```

```
?>
```

Excercise 7:

```
<?php
```

```
echo str_replace("the quick","That quick","the quick brown fox jumps over the lazy dog.");
```

```
?>
```

Excercise 8:

```
<?php
```

```
function temp(){  
    $temperature = 10;  
  
    if ($temperature<=50){  
        echo "temperature is low";  
    }else{  
        echo "temperature is ok";  
    }  
    return;  
}
```

```
?>
```

Excercise 9:

```
<?php
```

```
$arr = array("New York City", "Seoul", "Tokyo",  
"Mexico City", "Shanghai", "Lagos", "Cairo", "Buenos Aires", "London", "Mumbai");
```

```
sort($arr);
```

```
for (i=0; i<sizeof($arr); i++){  
    echo $arr[i] . " , " ;
```

```
};
```

```
array_push($arr, "Calcutta", "Los Angeles", "Osaka", "Beijing");
```

```
for (i=0; i<sizeof($arr); i++){  
    echo $arr[i] . " , " ;
```

```
};
```

```
?>
```

Excercise 10:

```
<?php
```

```
for (i=1; i<=5; i++){  
    for (c=1; c<=5; c++){
```

```
    echo c*i; /n}  
/n  
};  
?>
```

Excercise 11:

<?php

```
function area()  
{  
    $width = readline("Width: ");  
    $height = readline("Height: ");  
    $product = $width * $height;  
    print_r($product);  
    "The calculated area of"  
$width " and " $height " is:" $product;  
    return;  
}
```

?>