**Массивы PHP**

$array\_one = [1, 0, -87, 43555.5, 'Ничего себе', true, 'Обычный массив'];  
$array\_two = [1, 0, -87, 43555.5, 'Ничего себе', true, 'Обычный массив'];

var\_dump($array\_one);  
var\_dump($array\_two);

echo '<br>' . ' 0: ' . $array\_two[0] . ' 4: ' . $array\_two[4] . ' 7: ' . $array\_two[7];  
echo '<br>' . ' 1: ' . $array\_one[1] . ' 3: ' . $array\_two[3] . ' 5: ' . $array\_two[5]; //массив список

Перебор массива

for ($i = 0, $iMax = count($array\_one); $i < $iMax; $i++) {  
echo $array\_one[$i] . '<br>';  
}

for ($i = 0; $i < count($array\_two); $i++) {  
echo $array\_one[$i] . ' | ';  
}

$array\_three = ['name' => 'Patrick',  
 'age' => 43,  
 'apartment' => '2 rooms',  
 'work' => 'programmer', ]; //ассоциативный массив  
for ($i = 0, $iMax = count($array\_three); $i < $iMax; $i++) {  
echo $array\_three[$i] . '<br>'; }  
echo '<br>' . $array\_three['name'] . ' | ' . $array\_three['apartment'];

/\*\* @var TYPE\_NAME $array\_multylevel \*/  
$array\_multylevel = [['name' => 'Patrick',  
 'age' => 43,  
 'apartment' => '2 rooms'],  
 'work' => 'programmer',  
 'mather' => 'Valia',  
 'wife' => 'Olia',  
 'son' => 'Oleg', ];

echo '<br>' . $array\_multylevel['son'] . ' ' . $array\_multylevel[0]['name'] . ' ' . $array\_multylevel[0]['apartment'] ; ?>

<?php  
$staff = [ $staff\_two = [  
0 => [ [  
 'name' => 'Nike', 'name' => 'Bruce',  
 'age' => 34, 'age' => 24,  
 'practice' => 5, 'practice' => 7,  
 ], ],  
1 => [ [  
 'name' => 'Mike', 'name' => 'Cara',  
 'age' => 28, 'age' => 27,  
 'practice' => 4, 'practice' => 7,  
 ], ],  
2 => [ [  
 'name' => 'Philip', 'name' => 'Xlo',  
 'age' => 58, 'age' => 34,   
 'practice' => 32, 'practice' => 14,  
 ], ]; ], ];  
echo $staff[0]['name']; echo $staff\_two[0]['name'];  
 echo $staff\_two[2]['age'];

$arr\_3 = [[1, 2], [3, 4, 5], [54.34, true, 'Это крайник элемент']];

for ($i = 0; $i < count($arr\_3); $i++) {  
for ($j = 0; $j < count($arr\_3[$i]); $j++) echo $arr\_3[$i][$j] . ' | ';  
}

for ($i = 0; $i < count($arr\_3); $i++) :  
for ($j = 0; $j < count($arr\_3[$i]); $j++) :  
echo $arr\_3[$i][$j] . ' | ';  
endfor;  
endfor;

for ($i = 0; $i < count($arr\_3); $i++) :  
for ($j = 0; $j < count($arr\_3[$i]); $j++) echo $arr\_3[$i][$j] . ' | ';  
endfor;

**foreach**

$array\_5 = [1, 5, 8, true, false, 'Моя строка', 2,4] ;

foreach ($array\_5 as $value) { foreach ($array\_5 as $value) :  
echo $value . '<br>'; echo $value . '<br>';   
} endforeach;

$array\_6 = [  
[ 'name' => 'Oleg', 'age' => 34, 'prof' => 'designer', 'color' => 'red' ],  
[ 'name' => 'Olga', 'age' => 20, 'prof' => 'driver', 'color' => 'white' ],  
[ 'name' => 'Saha', 'age' => 54, 'prof' => 'writer', 'color' => 'brown' ],  
[ 'name' => 'Boris', 'age' => 47, 'prof' => 'physician', 'color' => 'blue' ],  
[ 'name' => 'Masha', 'age' => 37, 'prof' => 'seller', 'color' => 'silver' ],  
];

echo 'Ассотиативный массив - перебор '; echo 'Ассотиативный массив – получение ключей ';  
foreach ($array\_6 as $value) :  
foreach ($value as $vb) :  
echo $vb . ' - ';  
endforeach;  
echo '<br>';  
endforeach;

$goods = [ echo "<pre>";  
['title' => 'Nokia', print\_r($goods);  
'price' => 340, echo "</pre>";   
'description' => 'Это описание товара Нокиа', echo '<br>';  
], echo $goods[2]['title'] . ' '   
['title' => 'iPad', . $goods[2]['description'];  
'price' => 440, echo '<br>';  
'description' => 'Это описание товара iPad',  
],  
['title' => 'Sumsung',  
'price' => 250,  
'description' => 'Это описание товара Sumsung',  
],  
['title' => 'LG',  
'price' => 140,  
'description' => 'Это описание товара LG',  
] ];

$students = [  
['name' => 'Kirill', 'age' => 34, 'sex' => 'men', 'work' => 'Director', ],  
['name' => 'Jely', 'age' => 57, 'sex' => 'women', 'work' => 'Meneger', ],  
['name' => 'Yura', 'age' => 28, 'sex' => 'men', 'work' => 'Gardener', ],  
['name' => 'Maria', 'age' => 44, 'sex' => 'women', 'work' => 'roomservice', ],  
];  
echo '<br>' . ' Тестирую вывод даных их массивов ' . '<br>' ;  
$i = 0;  
while($i < count( $students )) {  
echo $students[$i]['name'] . ' - ' . $students[$i]['sex'] . '<br>';  
$i++; }

echo 'Элементов в массиве ' . count( $students );  
echo 'Элементов в массиве 4 + 4X4 ' . count( $students , 1);