PROGRAMACIÓN

ESTRUCTURAS DE DATOS – FUNCIONES SOBRE ARRAYS

Funciones

```php
<?php
    $fruits = ["apple", "orange", "banana", "pear"];

    $var1 = implode(", ", $fruits);
    echo $var1 . "<br>";

    $var2 = explode(", ", $var1);
    var_dump($var2);

    array_pop($fruits);
    var_dump($fruits);

    array_push($fruits, "kiwi");
    var_dump($fruits);

    array_shift($fruits);
    var_dump($fruits);

    array_unshift($fruits, "apple");
    var_dump($fruits);
?>
```

EJEMPLO

apple, orange, banana, pear

```
/var/www/html/index.php:15:
array (size=4)
  0 => string 'apple' (length=5)
  1 => string 'orange' (length=6)
  2 => string 'banana' (length=6)
  3 => string 'pear' (length=4)

/var/www/html/index.php:18:
array (size=3)
  0 => string 'apple' (length=5)
  1 => string 'orange' (length=6)
  2 => string 'banana' (length=6)

/var/www/html/index.php:21:
array (size=4)
  0 => string 'apple' (length=5)
  1 => string 'orange' (length=6)
  2 => string 'banana' (length=6)
  3 => string 'kiwi' (length=4)

/var/www/html/index.php:24:
array (size=3)
  0 => string 'orange' (length=6)
  1 => string 'banana' (length=6)
  2 => string 'kiwi' (length=4)

/var/www/html/index.php:27:
array (size=4)
  0 => string 'apple' (length=5)
  1 => string 'orange' (length=6)
  2 => string 'banana' (length=6)
  3 => string 'kiwi' (length=4)
```

Funciones

```php
<?php
$fruits = ["Bannana", "Orange", "Apple", "Mango"];
array_splice($fruits,2,0,["Lemon","Kiwi"]); var_dump($fruits);
/*
en la posición 2, es decir 'Apple' elimina 0 elementos y añade
"Lemon" y "Kiwi", resultando en:
["Bannana", "Orange", "Lemon", "Kiwi", "Apple", "Mango"]
*/
array_splice($fruits,1,2); var_dump($fruits);
/*
desde la posición 1, es decir, 'Orange, elimina 2 elementos y
no añade nada mas, resultando en:
["Bannana", "Kiwi", "Apple", "Mango"]
*/
```

Funciones

```php
<?php
$myGirls = ["Cecile", "Lone"];
$myBoys = ["Emil", "Tobias", "Linus"];
$myChildren = array_merge($myGirls, $myBoys);
var_dump($myChildren);
/* Nuevo array $myChildren cuyo contenido es
["Cecile", "Lone","Emil", "Tobias", "Linus"]
 */
$fruits = ["Bannana", "Orange", "Apple", "Mango"];
$var = array_slice($fruits, 1);
var_dump($var);
/*
Corta desde la posición 1 incluido hasta el final del
array, y genera un nuevo array, resultando en:
["Orange", "Apple", "Mango"]
 */
$var = array_slice($fruits, 1, 2);
var_dump($var);
/*
corta desde la posición 1 incluida, 2 elementos
y genera un nuevo array, resultando en:
["Orange", "Apple""]
 */
```