

## Pràctica d'Arrays

**Exercici 1:** Crea un array numèric de 10 elements i reassigna els seus index per a que vagin des de l'u fins al deu.

```
<?php
    $taula = array ("a","b","c","d","e","f","g","h","i","j");

    $taula2;

    foreach($taula as $key => $valor){
        $taula2[$key+1] = $valor;
    }
    print_r($taula2);
?>
```

**Exercici 2:** Converteix el vector de l'exercici anterior en un vector associatiu on els índexs són el mateix número però escrit amb lletres.

```
<?php

    $taula;
    $letras = array ("a","b","c","d","e","f","g","h","i","j");
    $numeros = array("uno","dos","tres","cuatro","cinco","seis","siete","ocho","nueve","diez");

    for($i=0; $i<count($numeros); $i++){
        $taula[$numeros[$i]] = $letras[$i];
    }
?>
```

**Exercici 3:** Mostra en la teua pàgina web el contingut del següent array associatiu (clau i contingut) fent ús de la instrucció **foreach**.

```
$paella = array( "garrofó" => 1, "bajoqueta" => 1, "arròs" => 2, "pollastre" => 2,
"conill" => 1, "safrà" => 1, "tomaca" => 1, "oli" => 1, "aigua" => 2 );
```

```
<?php

    $htm_taula = '<table border = "1" cellpadding = "10">';
    $paella = array( "garrofó" => 1, "bajoqueta" => 1, "arròs" => 2, "pollastre" => 2, "conill" =>
1, "safrà" => 1, "tomaca" => 1, "oli" => 1, "aigua" => 2 );

    foreach($paella as $clave => $valor){
        $htm_taula .= '<tr><td>' . $clave . '</td><td>'.$valor.'</td>';
    }

    $htm_taula .= '</tr> </table>';
?>

<html>
```

```

<body>
  <?php echo $htm_taula ?>
</body>
</html>

```

garrofó	1
bajoqueta	1
arròs	2
pollastre	2
conill	1
safrà	1

```

<?php
$htm_taula = '<table border = "1" cellpadding = "10">';
$paella = array( "garrofó" => 1, "bajoqueta" => 1, "arròs" => 2, "pollastre" => 2, "cor
foreach($paella as $clave => $valor){
    $htm_taula .= '<tr><td>' . $clave . '</td><td>' . $valor . '</td>';
}
$htm_taula .= '</tr> </table>';
?>

<html>
<body>
  <?php echo $htm_taula ?>
</body>

```

**Exercici 4:** Mostra en una taula HTML de 2x2 el contingut del següent array numèric.

**\$H2oVcia = array ("Suc de taronja", "Cava", "Vodka", "cointreau");**

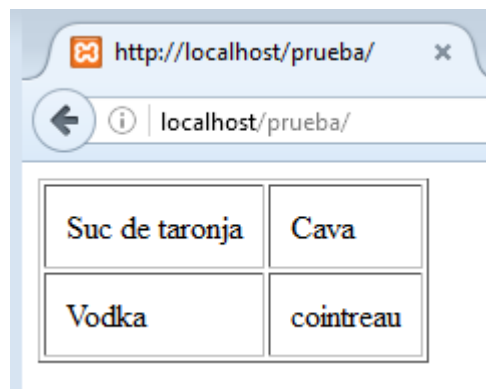
```

<?php
$htm_taula = '<table border = "1" cellpadding = "10">';
$H2oVcia = array ("Suc de taronja", "Cava", "Vodka", "cointreau");
$i = 0;

foreach($H2oVcia as $elem){
    if($i % 2 == 0)
        $htm_taula .= '<tr><td>' . $elem . '</td>';
    else
        $htm_taula .= '<td>' . $elem . '</td>';
    $i++;
}
?>

<html>
<body>
  <?php echo $htm_taula ?>
</body>
</html>

```



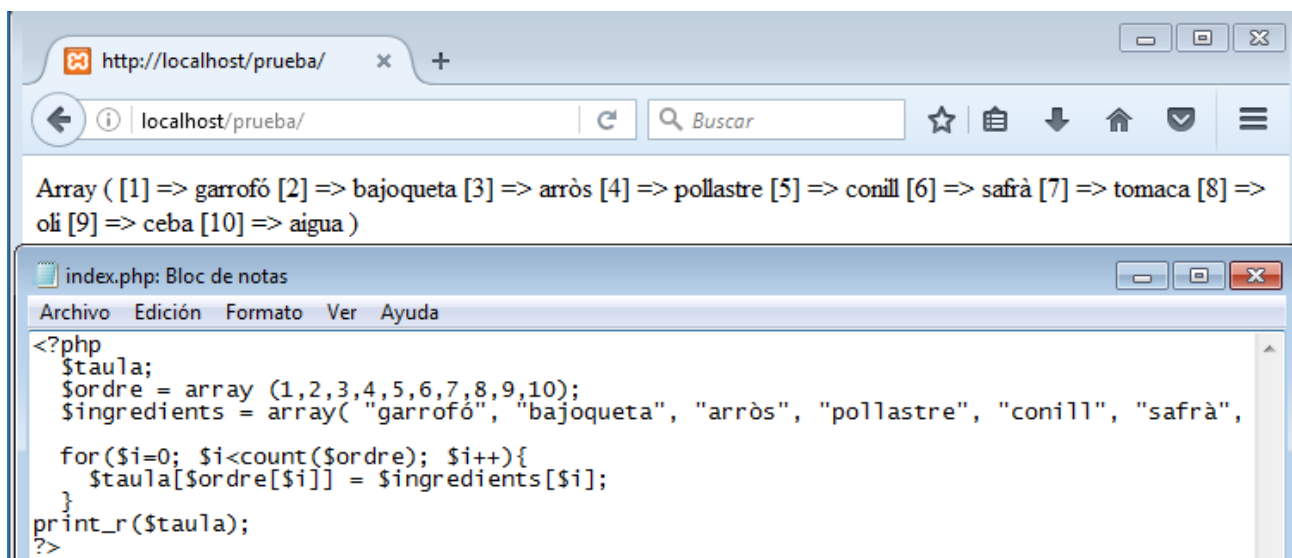
Suc de taronja	Cava
Vodka	cointreau

**Exercici 5:** Crea un array amb les claus i el contingut de dos arrays existents.

```
$ordre = array (1,2,3,4,5,6,7,8,9,10);
```

```
$ingredients = array( "garrofó", "bajoqueta", "arròs", "pollastre", "conill", "safrà",  
"tomaca", "oli", "ceba", "aigua" );
```

```
<?php  
$taula;  
$ordre = array (1,2,3,4,5,6,7,8,9,10);  
$ingredients = array( "garrofó", "bajoqueta", "arròs", "pollastre", "conill", "safrà", "tomaca",  
"oli", "ceba", "aigua" );  
  
for($i=0; $i<count($ordre); $i++){  
    $taula[$ordre[$i]] = $ingredients[$i];  
}  
print_r($taula);  
?>
```



**Exercici 6:** Mostra la intersecció dels següents arrays.

```
$array1 = array( "green", "red", "blue", "red", "purple", "black", "orange", "white");
```

```
$array2 = array( "green", "yellow", "red");
```

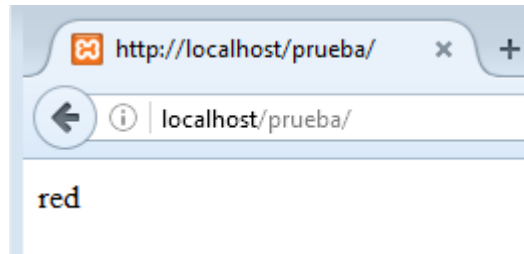
```
$array3 = array( "pink", "white", "blue", "red");
```

```
<?php  
$array1 = array( "green", "red", "blue", "red", "purple", "black", "orange", "white");  
  
$array2 = array( "green", "yellow", "red");  
  
$array3 = array( "pink", "white", "blue", "red");  
$interseccio;  
  
for($a=0; $a<count($array1); $a++){  
    for($b=0; $b<count($array2); $b++){
```

```

    for($c=0; $c<count($array3); $c++){
        if($array1[$a] == $array2[$b] && $array2[$b] == $array3[$c])
            $interseccio = $array1[$a];
    }
}
}
print_r($interseccio);
?>

```



**Exercici 7:** Crea una funció que accepti dos paràmetres keyini i keyfin que indicaran l'index d'inici i final del array i genere un array de números sencers aleatoris. Mostra el contingut en un html.

```

<?php
$keyini = 5;
$keyfin = 16;
$array;

while($keyini <= $keyfin){
    $array[$keyini] = rand();
    $keyini ++;
}
print_r($array);
?>

```

**Exercici 8:** Intercanvia els indexs pels continguts del vector resultant de l'exercici 5.

```

<?php

$cinc = array( 1 => "garrofó", 2 => "bajoqueta", 3 => "arròs", 4 => "pollastre", 5 =>
"conill", 6 => "safrà", 7 => "tomaca", 8 => "oli", 9 => "ceba", 10 => "aigua");
$taula;

foreach($cinc as $index => $valor){
    $taula[$valor] = $index;
}
print_r($taula );
?>

```

