

PHP homework(1)

110816032 謝妤婕OuO

```
$OuO = array(1, 2, 3, 4);  
    foreach ($OuO as &$value) {  
        $value = $value * 2;  
    }  
    foreach ($OuO as $k => $v)  
        echo "$k => $v ";  
  
    echo "<br/>";  
    // unset($value);  
    foreach ($OuO as $key => $value) {  
        echo "{$key} => {$value} ";  
    }
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

題目

為什麼第二行 output array 是 2,4,6,6

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先看看執行狀況OuO

```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
    $value = $value * 2;  
}  
foreach ($OuO as $k => $v)  
    echo "$k => $v ";  
  
echo "<br/>";  
// unset($value);  
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";  
}
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
---	---	---	---

2	2	3	4
---	---	---	---



\$value
也就是OuO[0]

```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
    $value = $value * 2;  
}  
foreach ($OuO as $k => $v)  
    echo "$k => $v ";  
  
echo "<br/>";  
// unset($value);  
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";  
}
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6



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$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
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    echo "$k => $v ";  
  
echo "<br/>";  
// unset($value);  
foreach ($OuO as $key => $value) {  
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output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6



```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
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foreach ($OuO as $k => $v)  
    echo "$k => $v ";  
  
echo "<br/>";  
// unset($value);  
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";  
}
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
2	4	6	8



\$value
也就是OuO[3]


```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
    $value = $value * 2;  
}
```

```
foreach ($OuO as $k => $v)  
    echo "$k => $v ";
```

```
echo "<br/>";
```

```
// unset($value);
```

```
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";
```

output:

```
0 => 2 1 => 4 2 => 6 3 => 8
```

```
0 => 2 1 => 4 2 => 6 3 => 6
```

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
    $value = $value * 2;  
}
```

```
foreach ($OuO as $k => $v)  
    echo "$k => $v ";
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```
echo "<br/>";
```

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// unset($value);
```

```
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
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```

```
foreach ($OuO as $k => $v)  
    echo "$k => $v ";
```

```
echo "<br/>";
```

```
// unset($value);
```

```
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
2	4	6	8

↑ ↑
\$value
也就是OuO[3]

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foreach ($OuO as &$value) {  
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}
```

```
foreach ($OuO as $k => $v)  
    echo "$k => $v ";
```

```
echo "<br/>";
```

```
// unset($value);
```

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foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
2	4	6	8


\$value
也就是OuO[3]

```
$OuO = array(1, 2, 3, 4);  
  foreach ($OuO as &$value) {  
    $value = $value * 2;  
  }  
  foreach ($OuO as $k => $v)  
    echo "$k => $v ";
```

1	2	3	4
2	4	6	8



\$value
也就是OuO[3]

```
echo "<br/>";
```

```
// unset($value); -----沒有unset銷毀$value-----
```

```
foreach ($OuO as $key => $value) {  
  echo "{$key} => {$value} ";
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

```

$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
foreach ($OuO as $k => $v)
    echo "$k => $v ";

```

```

echo "<br/>";

```

```

// unset($value); -----沒有unset銷毀$value-----

```

```

foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}

```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

\$value 還是OuO[3]

2	4	6	2
---	---	---	---

```

$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
foreach ($OuO as $k => $v)
    echo "$k => $v ";

```

```

echo "<br/>";

```

```

// unset($value); -----沒有unset銷毀$value-----

```

```

foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}

```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

\$value 還是OuO[3]

2	4	6	4
---	---	---	---

```

$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
foreach ($OuO as $k => $v)
    echo "$k => $v ";

```

```

echo "<br/>";

```

```

// unset($value); -----沒有unset銷毀$value-----

```

```

foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}

```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

\$value 還是OuO[3]

2	4	6	6
---	---	---	---


```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
    $value = $value * 2;  
}  
foreach ($OuO as $k => $v)  
    echo "$k => $v ";
```

```
echo "<br/>";
```

```
// unset($value); -----沒有unset銷毀$value-----
```

```
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 6

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

\$value 還是OuO[3]

2	4	6	6
---	---	---	---

為什麼第二行 output array 是 2,4,6,6
使用 unset() 的狀況 OuO

```
$OuO = array(1, 2, 3, 4);  
foreach ($OuO as &$value) {  
    $value = $value * 2;  
}
```

```
foreach ($OuO as $k => $v)  
    echo "$k => $v ";
```

```
echo "<br/>";
```

```
unset($value); //----- 銷毀 $value -----
```

```
foreach ($OuO as $key => $value) {  
    echo "{$key} => {$value} ";  
}
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 8

1	2	3	4
2	4	6	8



\$value
也就是OuO[3]

```

$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
foreach ($OuO as $k => $v)
    echo "$k => $v ";

```

```

echo "<br/>";

```

```

unset($value); //----- 銷毀 $value -----

```

```

foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}

```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 8

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

2	4	6	8
---	---	---	---



\$value
也就是OuO[0]

```

$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
foreach ($OuO as $k => $v)
    echo "$k => $v ";

```

```

echo "<br/>";

```

```

unset($value); //----- 銷毀 $value -----

```

```

foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}

```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 3 => 8

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

2	4	6	8
---	---	---	---



\$value
也就是OuO[1]

```

$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
foreach ($OuO as $k => $v)
    echo "$k => $v ";

```

```

echo "<br/>";

```

```

unset($value); //----- 銷毀 $value -----

```

```

foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}

```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 **2 => 6** 3 => 8

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

2	4	6	8
---	---	---	---



\$value
也就是OuO[2]

```
$OuO = array(1, 2, 3, 4);
foreach ($OuO as &$value) {
    $value = $value * 2;
}
```

```
foreach ($OuO as $k => $v)
    echo "$k => $v ";
```

```
echo "<br/>";
```

```
unset($value); //----- 銷毀 $value -----
```

```
foreach ($OuO as $key => $value) {
    echo "{$key} => {$value} ";
}
```

output:

0 => 2 1 => 4 2 => 6 3 => 8

0 => 2 1 => 4 2 => 6 **3 => 8**

1	2	3	4
---	---	---	---

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

2	4	6	8
---	---	---	---



\$value
也就是OuO[3]

PHP homework(1)

110816032 謝妤婕OuO
報告完畢，我要一百分~~