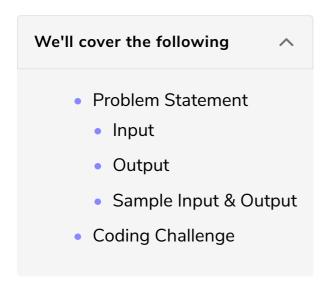# Challenge 1: Find the Maximum Value

## Problem Statement #

Write a method named *findMaxVal()* to find the maximum integer value stored in an Array of any size.

## Input #

the array passed as a parameter.

## Output #

the maximum value found in the array as an integer

## Sample Input & Output #
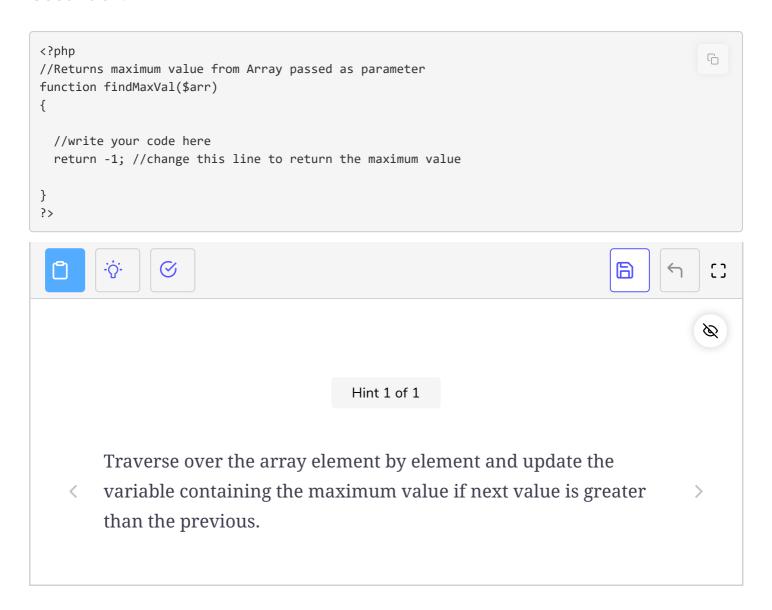
**Input:** {2, 9, 6, 17, 15}
**Output:** 17



## Coding Challenge #

Think over the problem carefully and write your code below. It's recommended that you try solving the problem by yourself before referring to the solution part

**Good luck!**

```php
<?php
//Returns maximum value from Array passed as parameter
function findMaxVal($arr)
{

  //write your code here
  return -1; //change this line to return the maximum value

}
?>
```

Hint 1 of 1

Traverse over the array element by element and update the variable containing the maximum value if next value is greater than the previous.

Let's move on to a more complex form of arrays, the multi-dimensional arrays in the next lesson.