

Array Exercises

1. What are the two methods for creating an empty array?

```
`var foods[ ];  
Var foods new.Arrays();
```

2. Write a Javascript Function which returns the

1.1) Max value in an array passed as an argument

```
<p id=demo></p>  
<script>  
var y= [23,2334,435,87,565,77,676,88,79];  
document.getElementById("demo").innerHTML = rush(y);  
function rush(x){  
return Math.max.apply(null,x)  
}  
</script>
```

1.2) Min value in an array

```
<p id=demo></p>  
<script>  
var y= [23,2334,435,87,565,77,676,88,79];  
document.getElementById("demo").innerHTML = rush(y);  
function rush(x){  
return Math.min.apply(null,x)  
}  
</script>
```

3. Add 5 new fruits in the middle of the following array.

```
var fruits = ["Apple","Banana"];
```

3.1) Get the fruit name in index 3?

3.2) Get the length of the array?

3.3) Get the reverse order of elements of fruits?

<p>The fruits are .</p>

<p>The length is .</p>

<p>The reverse fruits are .</p>

```
<script>
```

```
// Add 5 new fruits in the middle of the following array.
```

```
//var fruits = ["Apple","Banana"];
```

```
//3.1) Get the fruit name in index 3?
```

```
//3.2) Get the length of the array?
```

```
//3.3) Get the reverse order of elements of fruits?
```

```
var fruits=['Apple','Banana'];
```

```
//fruits.push('pine','po','fedf');
```

```
fruits.splice(1,0,'Kiwi','Orange','PineApple');
```

```
document.getElementById('demo').innerHTML=fruits;
```

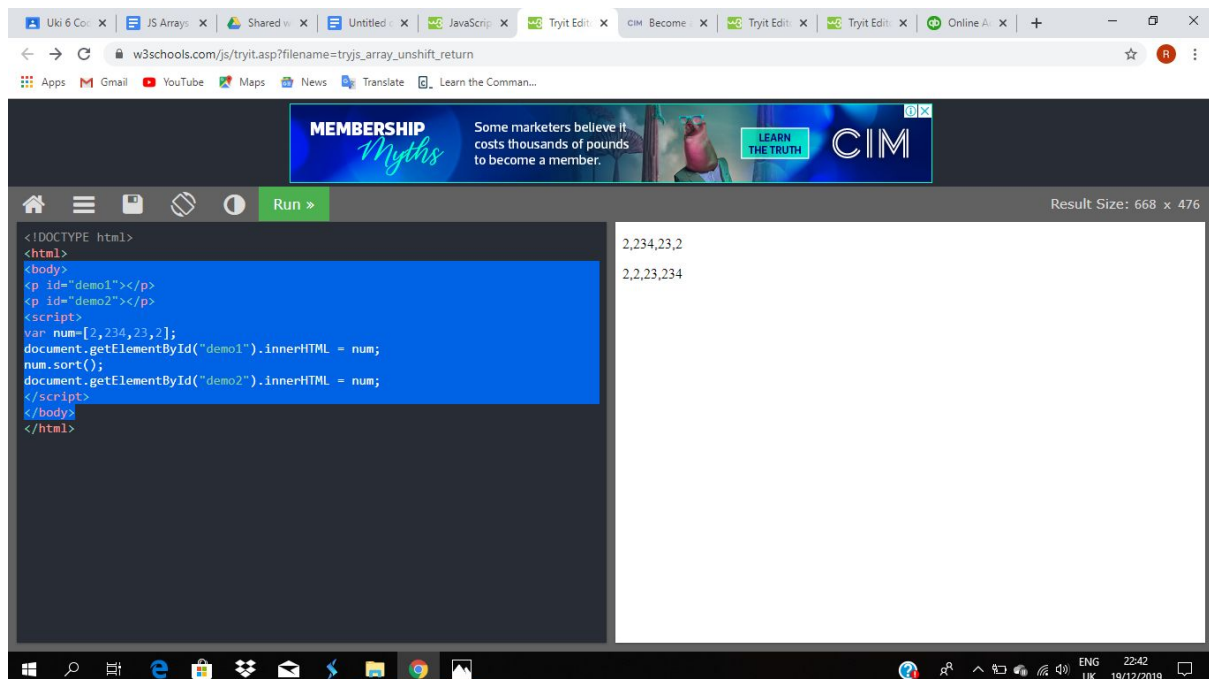
```
document.getElementById('demo1').innerHTML=fruits.length;
```

```
document.getElementById('demo2').innerHTML=fruits.reverse();
```

```
</script>
```

4.Create an array called num with following numbers 4,1,8,3,9,12

4.1) Print the sorted array



5. `var foods = ["rice", "pizza", "sandwich", "rolls"];`

5.1) Removes the last element ("rolls") from foods

5.2) Adds a new element ("cake") to foods

5.3) Removes the first element "rice" from foods

```
<!DOCTYPE html>
<html>
<body>
<p>the foods are<span id="demo1"></span></p>
<p>Q1.<span id="demo2"></span></p>
<p>Q2.<span id="demo3"></span></p>
<p>Q3.<span id="demo4"></span></p>
<p id="demo2"></p>
<script>
var foods = ["rice", "pizza", "sandwich", "rolls"];
document.getElementById('demo1').innerHTML=foods;
foods.pop();
document.getElementById('demo2').innerHTML=foods;
foods.push("rolls");
document.getElementById('demo3').innerHTML=foods;
delete foods[0];
document.getElementById('demo4').innerHTML=foods[0];
</script>
</body>
</html>
```

the foods arerice,pizza,sandwich,rolls
Q1.rice,pizza,sandwich
Q2.rice,pizza,sandwich,rolls
Q3. undefined

6. Create an array like this. `var fruits = ["Apple"];`

6.1) Add `Pineapple, Lemon` before "Apple"

6.2) Add `"Orange", "Peach"` after "Apple"

(Use suitable codes to create this array)

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w3schools.com/js/tryit.asp?filename=tryjs_array_unshift_return

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Result Size: 668 x 476

```
<!DOCTYPE html>
<html>
<body>
<p>the fruits are<span id="demo1"></span></p>
<p>Q1.<span id="demo2"></span></p>
<p>Q2.<span id="demo3"></span></p>
<p id="demo2"></p>
<script>
var fruits = ["Apple"];
document.getElementById('demo1').innerHTML=fruits;
fruits.unshift('Pineapple','Lemon ');
document.getElementById('demo2').innerHTML=fruits;
fruits.push('Orange',' Peach');
document.getElementById('demo3').innerHTML=fruits;

</script>
</body>
</html>
```

the fruits areApple
Q1.Pineapple,Lemon ,Apple
Q2.Pineapple,Lemon ,Apple,Orange, Peach
Q3.

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