# JavaScript HTML Events

Click the button to display the date.

[ The time is?(Just Button) ]

Sun Jul 02 2023 04:30:01 GMT+0800 (Central Indonesia Time)

[ The time is? (With function) ]

Sun Jul 02 2023 04:30:02 GMT+0800 (Central Indonesia Time)

[ Sun Jul 02 2023 04:30:03 GMT+0800 (Central Indonesia Time) ]

```
<button [____|____] ="alert('Hello')">Click me.
</button>
```

```
<button [___|___] = "[____|____]" >Click me.
</button>
```

```
<div [____|____] ="this.style.backgroundColor
='red'">myDIV.</div>
```

# JavaScript Arrays

Saab,Volvo,BMW

object

Opel,Volvo,BMW

Banana,Orange,Apple,Mango

46

John

4

Mango

- Banana
- Orange
- Apple
- Mango

The push method appends a new element to an array.

<button>Try it</button>

Banana,Orange,Apple,Mango,Lemon

```
const cars = ["Saab", "Volvo", "BMW"];

let x = [            ] ;
```

```
const cars = ["Volvo", "Jeep", "Mercedes"];

[            ]    = "Ford";
```

```
const cars = ["Volvo", "Jeep", "Mercedes"];

alert([            ]);
```

# JavaScript Arrays Methods

Banana,Orange,Apple,Mango

Banana,Orange,Apple

Banana,Orange,Apple,Kiwi

Orange,Apple,Kiwi

Lemon,Orange,Apple,Kiwi

The first fruit is: undefined

Cecilie,Lone,Emil,Tobias,Linus,Robin,Morgan

1,2,3,4,5,6

,Orange,Wine,Guava,Apple,Kiwi

Orange,Wine,Guava,Apple,Kiwi

```
const fruits = ["Banana", "Orange", "Apple"];
[_____]        ;
```

Correct!

Next ›

```
const fruits = ["Banana", "Orange", "Apple"];
[_____]        ;
```

Correct!

Next ›

```
const fruits = ["Banana", "Orange", "Apple", "Kiwi"];
fruits.splice([_____],  [_____]  );
```

Correct!

Next ›

# JavaScript Arrays sort

Banana,Orange,Apple,Mango

Apple,Banana,Mango,Orange

Orange,Mango,Banana,Apple

40,100,1,5,25,10

1,5,10,25,40,100

1,5,10,25,40,100

Click the button (again and again) to sort the array in random order.

Try it

100

1

```
const fruits = ["Banana", "Orange", "Apple", "Kiwi"];
            ;
```