

**Callio
Bindo
Applyo**

 [@code.singh](https://www.instagram.com/code.singh)

Why we have to use Apply/Call/Bind?

```
const name= {  
  YourName: 'sahil',  
  DisplayName: function()  
{console.log(this.firstName);}}; - - - -//sahil (case1)  
or ,  
const DispalyYourName = name.DisplayName;  
DispalyYourName(); - - - - - - - - - - //undefined
```

we are storing a reference of **case 1** to **DispalyYourName** variable. After that, we are calling it without an object reference, so this will now refer to the (global) object or undefined

Call?

- Call invokes the function and allows you to pass in arguments one by one.

```
var person1 = {fName: 'SAHIL', lName: 'SINGH'};  
var person2 = {fName: 'sahil', lName: 'Kr'};
```

```
function hi(greeting) {  
  console.log(greeting + ' ' + this.fName + ' ' +  
    this.lName);}
```

```
hi.call(person1, 'Hello'); // Hello SAHIL SINGH  
hi.call(person2, 'Hello'); // Hello SAHIL Kr
```

Apply?

- Apply invokes the function and allows you to pass in arguments as an array.

```
var person1 = {fName: 'SAHIL', lName: 'SINGH'};  
var person2 = {fName: 'sahil', lName: 'Kr'};
```

```
function hi(greeting) {  
  console.log(greeting + ' ' + this.fName + ' ' +  
    this.lName);}
```

```
hi.apply(person1, ['Hello']); // Hello Jon Kuperma  
hi.apply(person2, ['Hello']); // Hello Kelly King
```

Bind?

- Bind returns a new function, allowing you to pass in a this array and any number of arguments.

```
var person1 = {fName: 'SAHIL', lName: 'SINGH'};
```

```
var person2 = {fName: 'sahil', lName: 'Kr'};
```

```
function hi(greeting) {  
  console.log(greeting + ' ' + this.fName + ' ' +  
  this.lName);}
```

```
var hello1 = hi.bind(person1);
```

```
var hello2 = hi.bind(person2);
```

```
hello1(); // Hello SAHIL SINGH
```

```
hello2 (); // Hello sahil Kr
```

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SAHIL SINGH

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