

A dark blue circle containing the text "JAVASCRIPT INTERVIEW SERIES" in yellow, bold, uppercase letters.

**JAVASCRIPT
INTERVIEW
SERIES**

FIRST-CLASS FUNCTIONS

IN JAVASCRIPT

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FIRST-CLASS FUNCTIONS

- A programming language is said to have first-class functions when it is treating a function like any other variable.
- In javascript, the function
 - Can be stored inside a variable,
 - Can be passed as an argument to another variable,
 - Can be returned by other function.
- First-class functions can also be called first-class citizens.

FIRST-CLASS FUNCTIONS

Function stored inside a variable




```
const greetHello = function () {  
  return 'Hello'  
}  
  
console.log(greetHello)  
console.log(greetHello())
```

```
> function () {  
    return 'Hello';  
}  
> "Hello"
```

FIRST-CLASS FUNCTIONS

Function passed inside a function as an argument



```
const drinkWater = function () {  
  console.log('Drink Water')  
}  
setInterval(drinkWater, 1000 * 60 * 20)  
// IT will call drink water every 20 mins
```

```
> "Drink Water"
```

FIRST-CLASS FUNCTIONS

Function returned from a function

```
const sayHello = function () {  
  return function () {  
    console.log('Hello!')  
  }  
}  
console.log(sayHello())  
const myFunc = sayHello()  
myFunc()  
sayHello()() // Using Double Parentheses
```

```
> function () {  
    console.log("Hello!");  
}  
> "Hello!"  
> "Hello!"
```

THANK YOU FOR READING TILL LAST PAGE!

I HOPE YOU UNDERSTOOD THE CONCEPT 🙌😊



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