

1. Javascript
2. React Native

## JAVASCRIPT

1. Closure

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Closures>

2. Event loop

<https://javascript.info/event-loop>

3. Hoisting

[https://www.w3schools.com/js/js\\_hoisting.asp](https://www.w3schools.com/js/js_hoisting.asp)

4. for(var i=0; i<5; i++){

```
    setTimeout(()=>{console.log(i)},0)
```

```
}
```

Output:- 5,5,5,5,5 if i is var

0,1,2,3,4 if i is let

<https://javascript.info/event-loop>

5. let array =[1,3,2,10,30,20,9] //Sort in ascending order

Output:- array.sort() //wrong

array.sort(function (a, b) { return a - b; });//correct

[https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Array/sort#description](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#description)

6. let vs var vs const

<https://www.freecodecamp.org/news/var-let-and-const-whats-the-difference/>

7. map vs foreach

<https://stackoverflow.com/a/34426481/10407485>

8. reduce

[https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Array/Reduce#description](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/Reduce#description)

[https://www.w3schools.com/jsref/jsref\\_reduce.asp](https://www.w3schools.com/jsref/jsref_reduce.asp)

9. How to check if array is an array

[https://www.w3schools.com/jsref/jsref\\_isarray.asp](https://www.w3schools.com/jsref/jsref_isarray.asp)

10. const a={}

```
const b={}
```

```
const c=a
```

```
console.log(a===b)
```

```
console.log(a===c)
```

```
console.log(b===c)
```

```
//false
```

```
//true
```

```
//false
```

<https://stackoverflow.com/a/30071977/10407485>

11. typeof null

<https://stackoverflow.com/a/18808270/10407485>

12. Spread vs rest operator

<https://www.freecodecamp.org/news/javascript-rest-vs-spread-operators/>

13. Currying

<https://javascript.info/currying-partials>

14. Promise, Async await, callbacks

<https://javascript.info/async>

15. Generator function

<https://javascript.info/generators>

16. Iterate over an object

<https://stackoverflow.com/a/5737136/10407485>

17. IIFE (Immediately Invoked Function Expression)

<https://www.javascripttutorial.net/javascript-immediately-invoked-function-expression-iife/>

18. Difference between regular function and arrow function

19. let a = ['a','b','c','d'];

```
a[100] = 'fax';
```

```
console.log(a.length);
```

20. let a=12;

```
let b=a;
```

```
a=13;
```

```
console.log(a,b) //13,12
```

21. 

```
let c= {a:2}
let d = c;
d.a=3
console.log(c,d) // {a:3}, {a:3}
```
22. 

```
function foo(){
  return{
    bar:1
  }
}
console.log(foo()) //{ bar: 1 }
```
23. Convert string to camelCase  
I am better version of myself -> iAmBetterVersionOfMyself
24. Convert to camelCase to Pascal (Normal Text)  
iAmBetterVersionOfMyself -> I am better version of myself
25. Reverse the string  
I am better version of myself -> flesym fo noisrev retteb ma I  
I am better version of myself -> myself of version better am I
26. SOLID principle in javascript  
<https://medium.com/@cramirez92/s-o-l-i-d-the-first-5-principles-of-object-oriented-design-with-javascript-790f6ac9b9fa>
- 27.

## REACT NATIVE

1. TouchableOpacity , activeOpacity range 0 to 1  
<https://reactnative.dev/docs/touchableopacity>
2. TouchableOpacity vs TouchableWithoutFeedback  
<https://reactnative.dev/docs/touchableopacity>  
<https://reactnative.dev/docs/touchablewithoutfeedback>
3. PureComponent and exception while comparing objects state (shallow comparison)  
<https://reactjs.org/docs/react-api.html#reactpurecomponent>
4. Proptype and default props
5. Props and State

<https://www.javatpoint.com/react-state-vs-props>

6. Lifecycle method of class component  
<https://reactjs.org/docs/react-component.html>
7. useEffect  
<https://reactjs.org/docs/hooks-reference.html#useeffect>
8. useState  
<https://reactjs.org/docs/hooks-reference.html#usestate>
9. useCallback vs useMemo  
<https://stackoverflow.com/a/54963730/10407485>  
<https://stackoverflow.com/a/64987636/10407485>
10. useContext  
<https://reactjs.org/docs/hooks-reference.html#usecontext>
11. Invoke a function of the focus of screen  
<https://reactnavigation.org/docs/function-after-focusing-screen/#triggering-an-action-with-a-focus-event-listener>
12. React memo vs useMemo  
<https://blog.logrocket.com/react-memo-vs-usememo/>
13. Pagination and Flatlist (some props)  
<https://reactnative.dev/docs/flatlist#onendReached>
14. Flex, default value of flexDirection  
<https://reactnative.dev/docs/flexbox>
15. Deep Linking  
<https://blog.iscrambler.com/how-to-handle-deep-linking-in-a-react-native-app>  
<https://reactnavigation.org/docs/deep-linking/>
16. Push notification  
<https://enappd.com/blog/firebase-push-notifications-in-react-native/81/>
17. Redux flow cycle  
<https://dev.to/oahehc/redux-data-flow-and-react-component-life-cycle-11n>
18. Permissions handling  
<https://www.npmjs.com/package/react-native-permissions>  
<https://reactnative.dev/docs/permissionsandroid>

19. navigation.navigate vs navigation.push  
<https://stackoverflow.com/a/51090333/10407485>
20. Animation (usage pattern of Panresponder)  
<https://reactnative.dev/docs/panresponder#usage-pattern>
21. Pressable  
<https://reactnative.dev/docs/pressable>
22. Hermes  
<https://reactnative.dev/docs/hermes>
23. ScrollView vs FlatList  
<https://www.geeksforgeeks.org/when-we-use-scrollview-over-flatlist-or-vice-versa/>
24. controlled component vs uncontrolled component