



Simran Bedi
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JS

JAVASCRIPT HACKS TO SAVE TIME


Deep Copy of Object

JS

```
let object = {  
  name: "one",  
  address: {  
    city: "Bangalore",  
    pin: 540000  
  }  
}
```



```
let obj1 = JSON.parse(JSON.stringify(object));
```




```
let obj2 = structuredClone(object);
```


Element Present in Array

JS

```
let array = ["apple", "mango", "grapes", "banana"];  
let input = "grapes";
```



```
function hasElement(input){  
  for(let i = 0; i<array.length; i++){  
    if(arr[i] === input){  
      return true;  
    }  
  }  
  return false;  
}
```




```
function hasElement(input){  
  return array.includes(input);  
}
```

Swap Variables

JS

```
let a = 10;  
let b = 5;
```


```
let temp = a;  
a = b;  
b = temp;
```



```
[a, b] = [b, a];
```




Conditionally Add key value pairs JS



```
const trueCondition = true;
const falseCondition = false;
```

```
let obj = {
  name: "One",
  age: 22,
};
```


```
if(trueCondition){
  obj["isAdult"] = true;
}
```



```
let obj = {
  name: "One",
  age: 22,
  ...(trueCondition && {isAdult: true})
}
```


Short Circuit Evaluation

JS



```
const trueCondition = true;

if(trueCondition){
  callFunc();
}
```



```
trueCondition && callFunc();
```

JS

Thank you



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