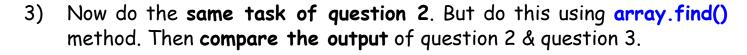




Practice Problem map(), filter(), find()

1) You have an odd array (array with odd numbers). [1, 3, 5, 7, 9]. Now convert this array into an even array (array with even numbers). [2, 4, 6, 8, 10]. Do this using for loop & array.map() method. Hints: add one to any odd number and it will become an even number.

2) You are given an array say: [33, 50, 79, 78, 90, 101, 30]. Now return/get all the elements which are divisible by 10 using array.filter() method.







Practice Problem reduce()

1) You have an array [1, 9, 17, 22]. Add the all elements of this array and give output. Do this using for loop & array.reduce() method.





Practice Problem reduce()

1) Challenging Follow above array of objects. So, you have 3 objects as array element. Can you find out the total sum from here?
20 + 15 + 22 = 57. The output will be 57

What are you thinking? Yeah! Do it with for loop. I know you can do it.

But! Wait!! Wait!!! Do the same task using array.reduce() method.





Practice Problem: Access Object values

```
const student = {
    name: 'Fredie',
    age: 26,
}
```

Console the value of age





Practice Problem: Access Object values

Console the value of city





Practice Problem: Access Object Values

```
>> ▼ const user = {
      id: 1,
      name: "Leanne Graham",
      username: "Bret",
                                                     Challenging
      email: "Sincere@april.biz",
      address: {
       street: "Kulas Light",
                                                           Console the value of email
       suite: "Apt. 556".
                                                           Console the value of address
       city: "Gwenborough",
       zipcode: "92998-3874",
                                                           Console the value of city
       geo: {
         lat: "-37.3159", -
                                                           Console the value of lat
         lng: "81.1496"
                                                           Console the value of company
                                                           name
      phone: "1-770-736-8031 x56442",
      website: "hildegard.org",
      company: {
       name: "Romaguera-Crona",
       catchPhrase: "Multi-layered client-server neural-net",
       bs: "harness real-time e-markets"
```





COMMON INTERVIEW QUESTIONS ON THIS MODULE

- 1. What's the difference between map, foreach, filter?
- What's the difference between filter and find?
- 3. What is the difference between for..of and for..in?
- 4. How do you empty an array?
- 5. Difference between class and object.
- 6. What is a Prototype chain? Or how does inheritance work in JavaScript?
- 7. What does destructing do in es6?
- 8. Is optional chaining is same as ternary operator?
- 9. What do you mean by dot notation and bracket notation? When should you use dot notation or bracket notation?





