1.write a program to print array of numbers count of values and value name also from array?

let res = [1,1,2,2,3,3,3,4,4,5,6] // expected output : [[1],[8,8],[1,1]]

let result = [...new Set(res)]

// console.log(result)

let count =[]

result.map((e)=>{

let res2 = []

for(let i=0;i<res.length;i++){

if(res[i]===e){

res2.push(res[i])

}

}

count.push(res2)

})

console.log(count)

output:- [ [ 1, 1 ], [ 2, 2 ], [ 3, 3, 3 ], [ 4, 4 ], [ 5 ], [ 6 ] ]

another example with array

var arr = [1,1,2,3,3,2,4,5,4,2,5,5,5,4,3];

var resultArr = [];

var count = [];

for(let i in arr){

if(resultArr.includes(arr[i])){

count[resultArr.indexOf(arr[i])]++;

}

else{

resultArr.push(arr[i]);

count.push(1);

}

}

for(let i in resultArr){

console.log(`${resultArr[i]} count is ${count[i]}`);

another example

var arr = [1,1,2,3,3,2,4,5,4,2,5,5,5,4,3];

var dup = [...new Set(arr)];

for(let i in dup){

var count = 0;

for(let j=0;j<arr.length;j++){

if(dup[i]===arr[j]){

count++;

}

}

console.log(`${dup[i]} count is ${count}`);

}

2.same above program is equal program but I need print array of values print in object.

let res = [1,1,2,2,3,3,3,4,4,5,6] //[[1],[8,8],[1,1]]

let count ={}

res.forEach((e)=>{

if(count[e]){

count[e]+=1

}else{

count[e]=1

}

})

console.log(count)

output:- { '1': 2, '2': 2, '3': 3, '4': 2, '5': 1, '6': 1 }

3. write a program to print from array to get positive and negative and zero values length.

let res = [1,0,-2,4,0,-8,-7] // given inputs

expected output =

3.5000,2.3333,3.5000;

var pos =0,neg=0,zero=0;

let arrlen = res.length

for(let i=0;i<res.length;i++){

if(res[i]>0){

pos++

}else if(res[i]<0){

neg++

}else{

zero++

}

}

// console.log(zero)

let posl = arrlen/pos

console.log((posl.toFixed(4)))

let negl = arrlen/neg

console.log((negl.toFixed(4)))

let zerol = arrlen/zero

console.log((zerol.toFixed(4)))

// console.log(pos)

// console.log(neg)

// console.log(zero)

4.write a program to get sum total given array but remove max and min value from array after print sum total value.

let res = [1,2,5,4,8,9,10]

let sum = 0

let min = Math.min(...res)

let max = Math.max(...res)

for(let i=0;i<res.length;i++){

sum += res[i]

}

console.log((sum-max)+","+(sum-min))

expected output: 29,38

5. Given an array of integers, where all elements but one occur twice, find the unique element.

Example: array=[1,2,3,4,3,2,1]

The unique element is =4.

Build a javascript program

function findUniqueElement(arr) {

let uniqueElement = 0;

for (let num of arr) {

uniqueElement ^= num;

}

return uniqueElement;

}

const array = [1, 2, 3, 4, 3, 2, 1];

const uniqueElement = findUniqueElement(array);

console.log("The unique element is:", uniqueElement);

7.write a program to print take array to print to reverse the array and if vowels occurs only first index vowels should be print uppercase remaining add to array.

let result = ['hello','APPLE']

let vowels = 'AEIOUaeiou'

for(let i=0;i<result.length;i++){

let res = result[i].split('').reverse().join('').toLowerCase()

if(vowels.includes(res[0])){

res = res.replace(res[0],res[0].toUpperCase())

}

result[i]=res;

}

console.log(result)

8.wirte a program to get multiple values give values.

function product(a){

return (b) => {

return a\*b;

}

}

console.log(product(2)(5));

1.remove duplicates

2.reverse string

3.palindrome

4.vowels count

5.vowels get

6.vowels reverse first value uppercase

7.even get

8.odd get

9.repeat word

10.repeat each letter

11.factorial

12.get uniques elements

13.angram

14.armstrong

15.strong number

16.delete string in obj

17.multiplication

18.missing numbers

19.capitalize first letter

20.count the repeat values store in separate array

21. count the repeat values store in separate object

22.product

­­23.remove min and max remaining array get sum

24.from array get positive count and negative count and zero count

25.

const [data,setData]= useState({}{})

const res = data.splice(1,1)

setData(res)

const data = useRef(0)

{data}

data.current = data.current + 1

{data.current}

useEffect(()=>{

code

},[])

const deletbutton =useCallback(()=>{

code

},[count])

const user = createContext()

const [data,setData]= usestate('ravi')

<user.provider value={data,setdata}>

<App/>

</user.provider>

import createcontext,useContext

function component {

const user = useContext(user)

return(

<div>

{user}

</div>

)

}

const calculation = useMemo(()=>{

eclkjda(count)

},[count])

custom hook format

const usefetch{

useeffect(()=>{

fetch(url)

})

}

app

const [data]= useFetch('')

data.map to list

coding problems platform:-

snakify website

https://snakify.org/en/

how to write a program to reverse a string and after reverse string the first letter should be capital.

function titleCase(str) {

var reversed = str.toLowerCase().split('').reverse();

console.log(reversed)

reversed = reversed.join('').split(' ');

// console.log(reversed)

var newArr = [];

for (var i = 0; i < reversed.length; i++) {

var firstLetter = reversed[i].charAt(1).toUpperCase();

var restOfWord = reversed[i].slice(2);

newArr[i] = firstLetter + restOfWord;

}

return newArr.join(' ');

}

console.log(titleCase('hello'));

without function

let res = 'hello'

let rev = res.toLowerCase().split('').reverse()

rev = rev.join("").split(' ')

let rev1 = []

for(let i=0;i<rev.length;i++){

let first = rev[i].charAt(0).toUpperCase()

let rest = rev[i].slice(1)

rev1[i] = first + rest

}

let total = rev1.join('')

console.log(total)

// console.log(rev)