

https://www.codewars.com/users/DaraKolm/completed_solutions

Не можу дати скріни тестів, бо дз давно самбітнуте, значить, тести пройшло))))

P.S. скріни з 6 по 1 завдання :)

The screenshot shows the profile of a user named DaraKolm on the Codewars platform. The user is at the 7 kyu level and has 69 points. Their profile information includes: Name: Unknown, Clan: Unknown, Member Since: Oct 2023, Last Seen: Oct 2023, Profiles: 0, Following: 0, Followers: 0, and Allies: 0. There is a 'View Profile Badges' button. Below the profile information, there are two promotional banners: 'Earn extra honor and gain new allies!' and 'Developer Productivity: A guide to finding flow'. The main navigation bar includes links for Stats, Kata, Solutions, Translations, Collections, Kumite, Social, and Discourse. The 'Solutions' tab is selected, showing a list of completed solutions. The first solution is highlighted with a red circle and labeled 'Completed (6)'. The second solution is also highlighted with a red circle and labeled '6 kyu Get root property name'. The code for this solution is shown in a dark-themed editor.

7 kyu DaraKolm 69

Name: Unknown
Clan: Unknown
View Profile Badges

Member Since: Oct 2023
Last Seen: Oct 2023
Profiles: 0

Following: 0
Followers: 0
Allies: 0

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Earn extra honor and gain new allies!
Honor is earned for each new codewarrior who joins.
LEARN MORE

Developer Productivity: A guide to finding flow
Find out to harness your flow for more higher productivity.

Stats Kata Solutions Translations Collections Kumite Social Discourse

Completed (6)
Unfinished
Obsolete

6 kyu Get root property name

JavaScript:

```
function getRootProperty(obj, number){
  let flag = false;
  for (const key in obj) {
    //If first layer value is not Array then dig
    if (!Array.isArray(obj[key])){
      if (dig(obj[key], number)){
        flag = true;
      }
    }
  }
}
```

**5 kyu** Land perimeter

JavaScript:

```
function landPerimeter(arr){
    let perimeter = 0;

    for(let i =0; i<arr.length; i++){
        for (let j=0; j<arr[i].length; j++){
            if(arr[i][j]=== "X"){
                if(i===0){
                    perimeter++;
                }else {
                    if(arr[i-1][j]!== "X") perimeter++;
                }
                if(j===0){
                    perimeter++;
                }else{
                    if(arr[i][j-1]!== "X") perimeter++;
                }
            }
            if(i===arr.length-1){
                perimeter++;
            }else {
                if(arr[i+1][j]!== "X") perimeter++;
            }
            if(j===arr[i].length-1){
                perimeter++;
            }else{
                if(arr[i][j+1]!== "X") perimeter++;
            }
        }

        //console.log(perimeter);
    }
}

return "Total land perimeter: "+perimeter;
}
```

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Unpack delicious sausages!

JavaScript:

```
function unpackSausages(arr){
  let seq = [];
  //get array of strings
  arr.forEach(item =>{item.forEach(it=>seq.push(it));});

  //find every package with []
  seq=seq.filter(it=>it[it.length-1]===']'&&it[0]=== '[');

  //trim []
  seq=seq.map(item=>item.slice(1,item.length-1));

  //isSausage? then keep
  let onlySaus=[];
  seq.forEach(item=>{
    if(isSausage(item)){
      onlySaus.push(item);
    }
  });

  //copy to new array all except 4, 9, 14 .... elem
  let stoleSaus=[];
  for (let i=0;i<onlySaus.length;i++){
    if((i+1)%5!==0) stoleSaus.push(onlySaus[i]);
  }

  stoleSaus=stoleSaus.map(item=>item.split("").join(" "));

  return stoleSaus.join(" ");
}

function isSausage(str){
  return (str.length === 4 && !str.split("").some(item => item !== str[0]));
}
```

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6 kyu Group Anagrams

JavaScript:

```
function groupAnagrams(arr){  
  
    let set = new Set();  
    //get unique sorted key (rat => atr, tar => atr)  
    for (let str of arr){  
        set.add(str.split("").sort().join(""));  
    }  
  
    //console.log("Unique keys: ");  
    //console.log(set);  
  
    let setAnagrams = new Set();  
    for (let i of set.values()){  
        setAnagrams.add(arr.filter(item=>item.split("").sort().join("")===i));  
        //console.log("2: " + setAnagrams.values());  
    }  
  
    return Array.from(setAnagrams.values());  
}
```

```
return Array.from(setAnagrams.values());
```

```
}
```

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6 kyu Equal Sides Of An Array

JavaScript:

```
function findEvenIndex(arr)
{
    let index = -1;

    let sum = 0;
    arr.forEach(el=>sum+=el);
    sum=sum-arr[0];

    if(sum === 0){
        index=0;
        console.log("Sum of array is 0, so index is "+index);
    }else{
        let sumLeft = 0;
        for (let i=0;i<arr.length;i++){
            let sumRight=0;
            sumLeft+=arr[i];
            for (let j=i+2;j<arr.length;j++){
                sumRight+=arr[j]
            }
            //console.log("index: "+(i+1)+" sumLeft: "+sumLeft + " sumRight: "+sumRight);
            if(sumRight===sumLeft) {
                index=i+1;
                break;
            }
        }
    }
    return index;
}
```

11 days ago · Refactor · Discuss

```

        break;
    }
}
return index;
}

```

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6 kyu Largest Radial Sum

JavaScript:

```

function largestRadialSum(honor, d) {
    if(honor.length<=0 || d>=31 || d<1){
        console.log("Check your input. Honor must have at least 1 person and d must be from 1 to 31");
    }
    else{
        let space = honor.length/d;
        let sum = [];
        //sum[startPosition]=0;
        for (let i = 0; i<space;i++){
            sum[i]=0;
            for(let j=i;j<honor.length;j+=space){
                sum[i]+=honor[j];
            }
            console.log(sum);
        }

        //finding biggest sum
        let pos = sum.indexOf(Math.max(...sum));
        console.log("Start position of leaders is "+pos);
        console.log("Every "+space+" person is a leader");
        console.log("Combined honor of the d leaders of the Council is "+sum[pos]);
        return sum[pos];
    }
}

```

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