

Join GitHub today

GitHub is home to over 28 million developers working together to host and review code, manage projects, and build software together.

Sign up


Dismiss

Branch: master

phase-0-activities / modules / challenge-graduates.md


Find file

Copy path

 dimimitri Updates

30d27f7 on Feb 20

2 contributors




107 lines (95 sloc)


1.73 KB

Raw

Blame

History





# Logic Challenge: Graduates

Implementasikan function graduates untuk mendapatkan daftar student yang lulus dengan aturan:

- Student dapat dinyatakan lulus apabila score lebih besar dari 75.
- Masukkan name dan score dari student ke class yang dia ikuti.
- Student yang tidak lulus tidak perlu ditampilkan.

Output yang diharapkan berupa Object Literal dengan format sebagai berikut:

```
{
  <class>: [
    { name: <name>, score: <score> },
    ...
  ],
  <class>: [
    { name: <name>, score: <score> },
    ...
  ],
  <class>: [] //NOTE: Jika tidak ada student yang lulus, class ini akan diisi oleh array kosong
}
```

```
function graduates (students) {
  // Code disini
}

console.log(graduates([
  {
    name: 'Dimitri',
    score: 90,
    class: 'foxes'
  },
  {
    name: 'Alexei',
    score: 85,
    class: 'wolves'
  },
  {
    name: 'Sergei',
    score: 74,
    class: 'foxes'
  },
  {
    name: 'Anastasia',
    score: 78,
    class: 'wolves'
  }
]));

// {
//   foxes: [
//     { name: 'Dimitri', score: 90 }
//   ],
//   wolves: [
//     { name: 'Alexei' , score: 85 },
//     { name: 'Anastasia', score: 78 }
//   ]
// }

console.log(graduates([
  {
    name: 'Alexander',
    score: 100,
    class: 'foxes'
  },
  {
    name: 'Alisa',
    score: 76,
    class: 'wolves'
  },
  {
    name: 'Vladimir',
    score: 92,
    class: 'foxes'
  },
  {
    name: 'Albert',
    score: 71,
    class: 'wolves'
  },
  {
    name: 'Viktor',
    score: 80,
    class: 'tigers'
  }
]));

// {
//   foxes: [
//     { name: 'Alexander', score: 100 },
//     { name: 'Vladimir', score: 92 }
//   ],
//   wolves: [
//     { name: 'Alisa', score: 76 },
//   ],
//   tigers: [
//     { name: 'Viktor', score: 80 }
//   ]
// }

console.log(graduates([])); //{}
```