wantsome
The friendly IT Academy

Saptamana 8

Partea 2

Programare Front-End

ES6 - Features - Part 2

Default params

```
function multiply(a, b) { return a * b; }

multiply(5, 2); // 10

multiply(5); // NaN !
```

Solutie :

```
function multiply(a, b) {

    b = (typeof b !== 'undefined') ? b : 1;

    return a * b;

}
```

Default params

```
function multiply(a, b) { return a * b; }

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Solutie :

```
function multiply(a, b) {

      b = (typeof b !== 'undefined') ? b : 1;

      return a * b;

}
```

ES6

```
function multiply(a, b = 1) { return a * b; }
```

Rest/Spread Operator, Destructuring

- operatorul “ **...** “ are doua modalitati de utilizare, in functie de situatie:
  - ***spread*** (objects, arrays)

    sau
  - ***rest*** (arrays)

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Spread_syntax

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/rest_parameters

Arrow functions - Implicit return

```
const myFunction = () => “test”;

myFunction() //'test'
```

Pentru obiecte: (ca sa nu se interpreteze ca si corpul unei functii)

```
const myFunction = () => ({ value: “test” });

myFunction() // {value: 'test'}
```

Arrow functions

```
const myFunction = function() {
        //...
}
```

to ››››

```
const myFunction = () => {
        //...
}
```

```
const myFunction = () => doSomething();

const myFunction = (param1, param2) => doSomething(param1, param2);

const myFunction = param => doSomething(param);
```

Arrow functions - this

- this inauntrul unei functii obisnuite definita ca metoda a unui obiect:

```
const car = {
  model: 'Fiesta',
  manufacturer: 'Ford',
  fullName: function() {
    return `${this.manufacturer} ${this.model}`
  }
}
```

Apelul functiei returneaza "Ford Fiesta"

Arrow functions - this

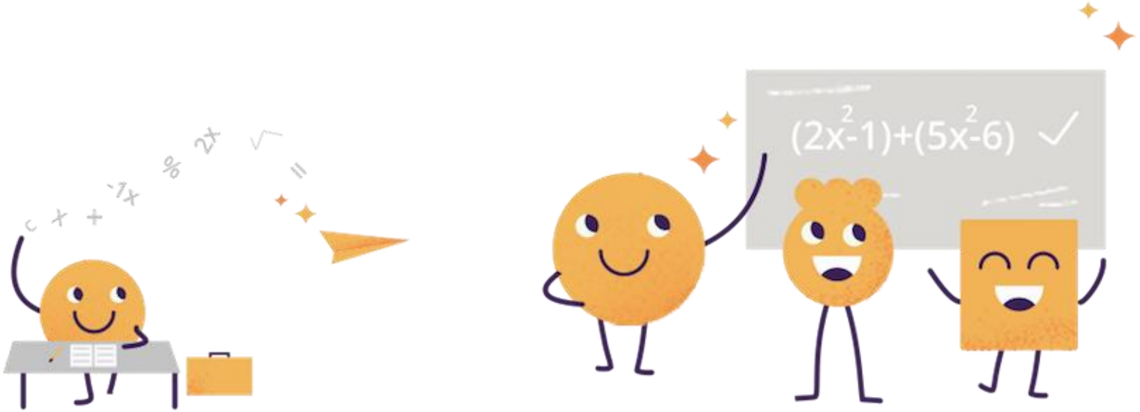
- this inauntrul unei functii de tip arrow definita ca metoda a unui obiect:

```
const car = {
  model: 'Fiesta',
  manufacturer: 'Ford',
  fullName:() => {
    return `${this.manufacturer} ${this.model}`
  }
}
```

Apelul functiei returneaza "undefined undefined";

Scopul lui this in acest caz este mostenit din contextul de executie al functiei

PRACTICE:
http://bit.do/es6Algorithms



https://asmarterwaytolearn.com/js/index-of-exercises.html