



01-SECTION

02-lecture

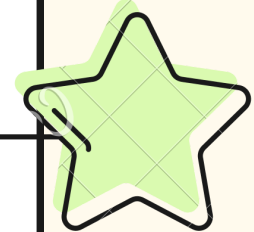
ooo

JAVA SCRIPT

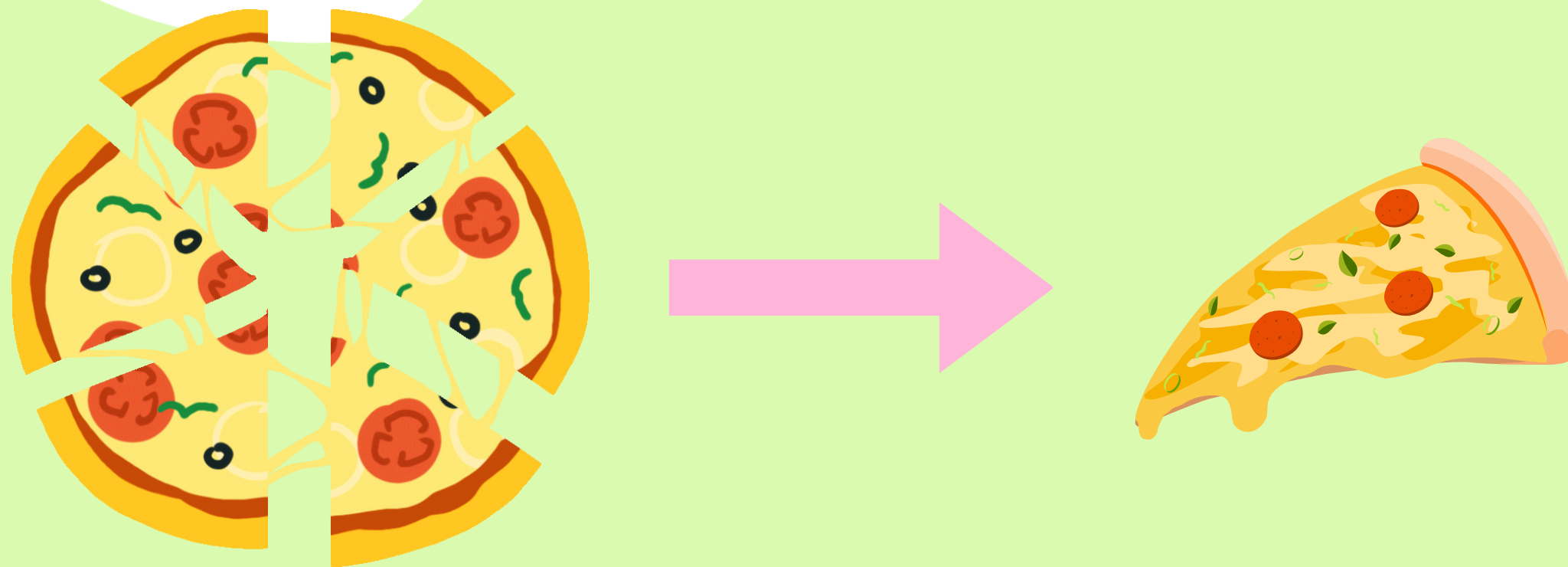
Nevermind



Teacher: Jamshid



INTRODUCING FUNCTIONS



```
1 function myFirstFunction() {  
2   console.log('First function!');  
3 }  
4  
5 myFirstFunction();
```

EXPLANATION

A function in JavaScript is a block of code that can be executed whenever it is called. Functions allow for modular and reusable code, making it easier to write and maintain complex programs. Functions can accept inputs (called arguments), perform a specific task, and return an output (if necessary).

TA'RIF!

Funktsiya bu qachonki chaqirilganida ishga tushiriladigan kodlar to'plami. Funktsiyalar modulli va qayta ishlatilishi mumkin bo'lgan kodlarni ishlatishga imkon beradi, bu esa murakkab dasturlarni yozish va saqlashni osonlashtiradi. Funktsiya inputlarni (argumentlarni) qabul qila oladi, maxsus topshiriqlarni bajara oladi va natija chiqarib bera oladi (agar muhim bo'lsa).

ORDER OF CODING

Kodlash tartibi

(1) Funksiyani aniqlash

```
function greetUser(name){  
  alert('Salom ' + name);  
}
```

Siz (xohlasangiz) parametr'lardan foydalanishingiz va qiymat qaytarishingiz mumkin "return" orqali (ammo majburiy emas)

(2) Funksiyani chaqirish

```
greetUser('Jamshid');
```

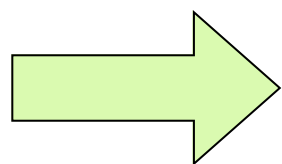
Xohlaganingizcha parametr'lardan qiymat berishingiz mumkin!

Har bir funkisya ishlaganida bir-biriga xalaqit bermaydi va bir-biridan mustaqil

Funksiyalar bir-biriga ta'sir qilmaydi ammo bitta funkisya ichida ikkinchi funkisiyani chaqirish imkoniyati bor!

WORKING WITH SYNTAX, STYLE

oneTwo	CamelCase	"", ''", ``	Quotation
__	2-4 Space	//, /* */	Comments
;	Semicolons		
{ }	Curly Braces		



Bu qoidalarni bilish kerak

PARAMETRS & RETURN

Parameters

Returns value

Giving Parameters

```
1 function multiplyNumbers(a, b) {  
2   return a * b;  
3 }  
4  
5 let result = multiplyNumbers(5, 10);  
6 console.log(result); // Output: 50
```

EXPLANATION

In JavaScript, a function can return a value back to the calling code using the return statement. The return statement terminates the function's execution and provides a value to the calling code.

It's important to note that a function can only return one value, but that value can be an array, object, or any other data type that can store multiple values.

THE (UN)IMPORTANCE OF CODE ORDER

REFERENCE ERROR ❗



```
1 function myFunction() {  
2   console.log(a);  
3   var a = 10;  
4 }  
5 myFunction();
```

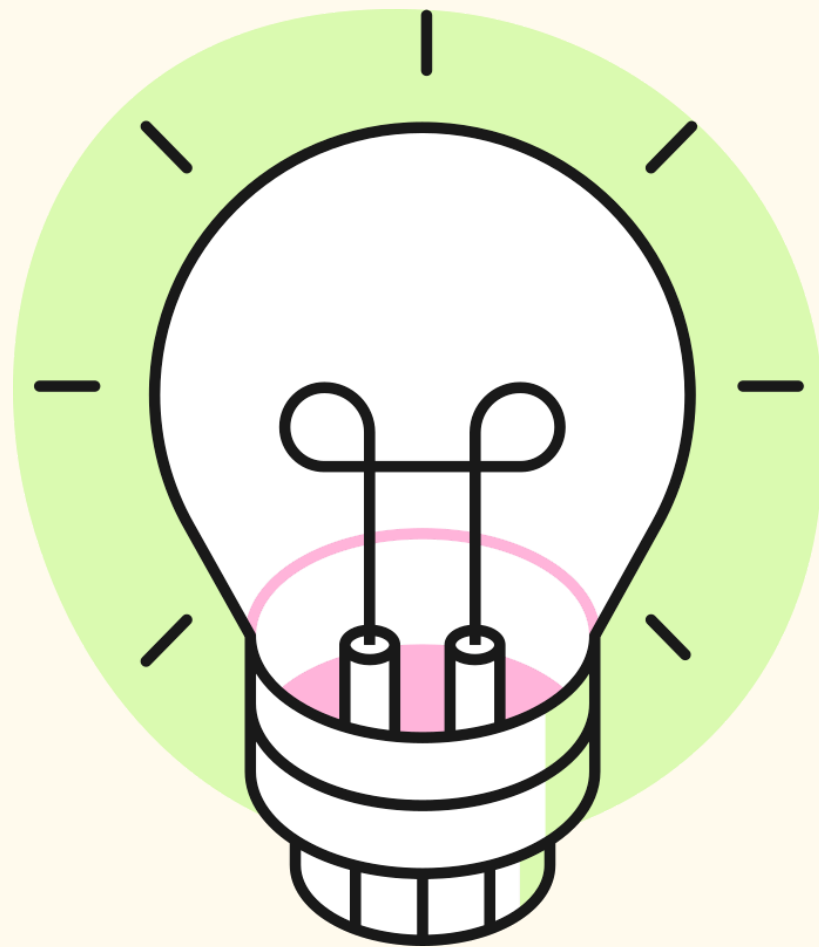
NO ERROR ✅



```
1 function myFunction() {  
2   var a = 10;  
3   console.log(a);  
4 }  
5 myFunction();
```

TA'RIF

Bunday error'lardan qochish uchun e'lon qilgan o'zgaruvchimizni eng tepa qismida aniqlab olishimiz kerak. O'zgaruvchi va Funksiyaga o'z vazifasiga qarab nom bergan yaxshi!



XULOSA

1. Funktsiya nima?
2. Oddiy funktsiya
3. Still va sintaksislar
4. Return
5. (Un)Importance of Code Order