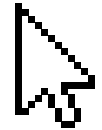
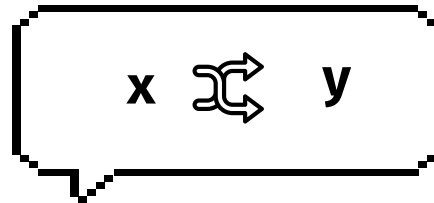




Computer Science : JavaScript



Week 5: Functions Pt 2. & In-Class Projects



01

Functions Expressions

Another way to define a function

Function Expression

```
const rectArea = function (length, width) {  
  const area = length * width  
  return area  
};
```

const: use the keyword const

Identifier: name of the function set it
equal to the function

function []: call the keyword with
parenthesis for parameters

{function body}: task to be performed



Arrow Functions

```
const rectArea = (length, width) => {  
  const area = length * width  
  return area  
};
```



Instead of writing **function**, you can write

() =>

(): you enter the parameters

=>: points to the function body



Single Parameter Arrow Functions

```
const clothes = size => {  
  size > 5 ? true: false  
};
```

```
const clothes = size =>  
size > 5 ? true: false;
```



For a single parameter you can omit the parentheses and just use the arrow

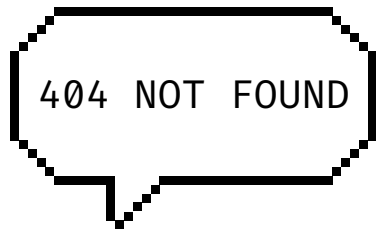
`=>`: points to the function body

`{}`: you can include or exclude the brackets for single parameter



02

In-Class Project: Simple Calculator





Project Instructions

Javascript:

- Use what you know about calculators, to produce the functionality of a calculator. (Operations, numbers
- Use if else statement to account for undefined values ex: $\# / 0$ is undefined

