

THE COMPLETE JAVASCRIPT COURSE

FROM ZERO TO EXPERT!

SECTION

JAVASCRIPT FUNDAMENTALS - PART 2

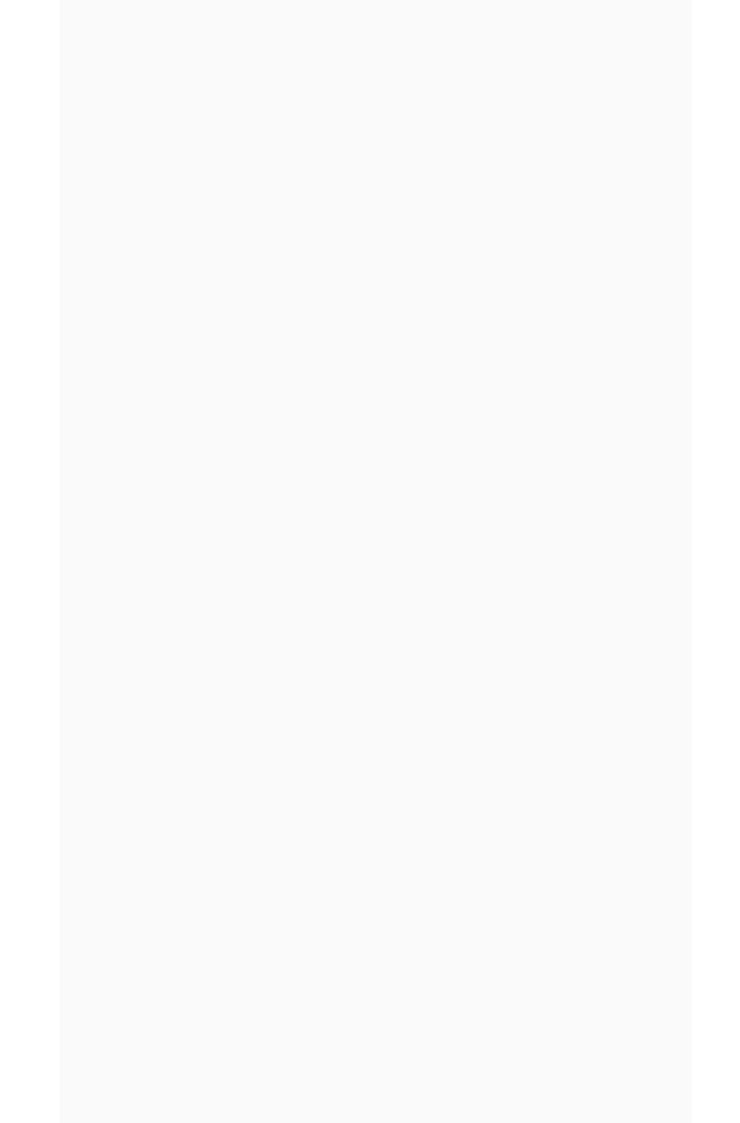
LECTURE

FUNCTIONS CALLING OTHER FUNCTIONS



CALLING A FUNCTION INSIDE A FUNCTION: DATA FLOW

```
const cutPieces = function (fruit)_{{
  return fruit <u>*</u> 4;
};
const fruitProcessor = function (apples,
                                          oranges) {
  const applePieces = cutPieces(apples);
  const orangeRieces = cutFieces(oranges);
  const juice = `Juice with {applePieces} pieces of
  apple and ${orangePiece;} pieces of orange.`;
  return juice;
};
console.log(fruitProcessor(2 3));
```





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LECTUR<u>E</u>

REVIEWING FUNCTIONS



FUNCTIONS REVIEW; 3 DIFFERENT FUNCTION TYPES

Function declaration

Function that can be used before it's declared

Function expression

Essentially a function *value* stored in a variable

Arrow function

Great for a quick one-line functions. Has no this keyword (more later...)

```
function calcAge(birthYear) {
  return 2037 - birthYear;
}

const calcAge = function (birthYear) {
  return 2037 - birthYear;
};

const calcAge = birthYear ⇒ 2037 - birthYear;
```

Three different ways of writing functions, but they all work in a similar way: receive **input** data, **transform** data, and then **output** data.

FUNCTIONS REVIEW: ANATOMY OF A FUNCTION

