

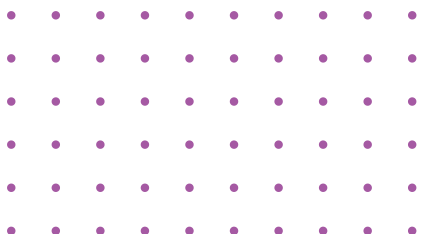
WEEK 4

**TUTORIAL 4 -
FUNCTIONS STEP BY
STEP**

CHEAT SHEET



LINNAEUS
UNIVERSITY
SUMMER 2024



FUNCTION 1 EXAMPLE



```
// FUNCTION 1: Subtract
function subtract(a) {
  let result = 1000 - a;
  return result;
}
console.log('FUNCTION 1: Subtract');
console.log(subtract(10)); // Output: 990
console.log('-----');
```

FUNCTION 1: Subtract

990

FUNCTION 2 EXAMPLE



```
// FUNCTION 2: Divide
function divide(a, b) {
  let result = a / b;
  return result;
}
console.log('FUNCTION 2: Divide');
console.log(divide(20, 4)); // Output: 5
console.log(divide(4, 20)); // Output: 0.2
console.log('-----');
```

FUNCTION 2: Divide

5

0.2

FUNCTION 3 EXAMPLE

```

// FUNCTION 3: Divide with Conditional
function divideWithIf(a, b) {
  let result = a / b;
  if (result > 10) {
    console.log("The result is bigger than 10! This log is from inside the function!");
  }
  return result;
}
console.log('FUNCTION 3: Divide with Conditional');
console.log(divideWithIf(1, 4)); // Output: 0.25
console.log('-----');

// Jumping around in the code when calling functions
console.log('Jumping around in the code when calling functions');
console.log(add(3, 10)); // Output: 13
console.log('-----');

FUNCTION 3: Divide with Conditional
0.25
-----

Jumping around in the code when calling functions
13
-----
```