## **Purpose**

The purpose of this assignment is to practice writing function.

## **Tasks**

Create a function called **sumDigits**(n)

## **Test cases**

1. sumDigits(234) returns 9; // (2 + 3 + 4)
2. sumDigits(222) returns 6; // (2 + 2 + 2)
3. sumDigits(1234) returns 10; // (1 + 2 + 3 + 4)

## **Hint**

Use the % operator to extract digits, and the / operator to remove the extracted digit.

For instance, to extract 4 from 234, use 234 % 10 ( = 4).

To remove 4 from 234, use 234 / 10 (= 23).

Use a loop to repeatedly extract and remove the digit until all the digits  
are extracted.

## **Acceptance Criteria**

1. No syntax error
2. The program should pass three test cases

## **Completion**

• Submit source code with the name lastname\_firstname\_assignment3.js, so that your instructor can run them successfully in her VS.