

04-Return value

Introduction

Just as you want something back when asking a question you may want to store a value that a function/method has calculated. Using return values of function/methods is the way to do achieve this.

Purpose

Using functions/methods is a good way to structure your code and to make your code reusable. Return types makes the function/method feature more powerful since you can, among other things, assign different variables the value returned by your function/method.

Requirements

function operator expression variable

Videos

Watch the video in the following order:

- [Programming/function-return/function-return.webm](#)

Introduction to return.

- [Programming/function-return/function-return-II.webm](#)

More indepth about return vales. Whats is happeing when calling a method and gettings some value in return?

- [Programming/function-return/function-return-returns.webm](#)

What if your method has a parameter with the same name as of a variable of the calling code?

Reading instructions

Wikipedia links for the keen student:

- https://en.wikipedia.org/wiki/Void_type

Goal

The goal is to make the student able to create function/methods that has a return type, as opposed to void. This involves assigning the returned value to a variable and to see how a function/method extends the previous expression definition.

Exam instructions

All exercises are examples of exam questions.