

02-Expressions

Introduction

Expression is in the simplest form easy to understand. We will start from some simple examples and continue with a bit more complete definition of expression.

It is not possible to give a complete definition of expression without knowing what a function/method, operators etc are so we will settle for a limited definition of expression and extend the concept as the course progresses.

Purpose

Expressions are used all over programs. After a while expressions become natural and not something one needs to think about that much, still this introduction to expressions is good for the coming lectures.

Requirements

variables types

Videos

- [Programming/expression/expression-small.webm](#)

Reading instructions

Wikipedia links for the keen student:

- [https://en.wikipedia.org/wiki/Expression_\(computer_science\)](https://en.wikipedia.org/wiki/Expression_(computer_science))

Goal

The student shall:

- be able to use expressions in variable assignment and in other places in a program
- understand the role of the type of an expression ##Exam instructions
The exercises are good examples of questions that may appear on an exam.