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## higher-order function

Canonical name HigherorderFunction
Date of creation 2013-03-22 12:33:38
Last modified on 2013-03-22 12:33:38

Owner Logan (6) Last modified by Logan (6)

Numerical id 4

Author Logan (6)
Entry type Definition
Classification msc 68Q01
Synonym functional
Related topic Currying

Any function that maps a function to anything or maps anything to a function is a *higher-order function*. In programming language terms, a higher-order function is any function that takes one or more functions as arguments and/or returns a function.

For example, a predicate which makes some statement about a function would be a higher-order function.