Introduction to Functions

Functions in Haskell

- Functions in Haskell are *pures*: they only return results calculated relative to their parameters.
- Functions do not have side effects.
 - they do not modify the parameters
 - they do not modify the memory
 - they do not modify the input/output
- A function always returns the same result applied to the same parameters.

Definition of Functions

Function identifiers start with a lowercase.

To introduce a function:

- 1. First, its type declaration (header) is given.
- 2. Then its definition is given, using formal parameters.

Definition of Functions

Examples: