KSFUPRO1KU, Functional Programming The IT University, Spring 2020

Exercise 6

Last update February 19, 2020

This exercise sheet must be handed in via LearnIt.

You are encouraged to solve the assignments individually.

Your name must be part of the filename, e.g., `FP-06-<name>.fsx`. An example: `FP-06-MadsAndersen.fsx`.

You can only upload one file and it must be of type `fs` or `fsx`.

It is important that you annotate your own code with comments. It is also important that you apply a functional style, i.e., no loops and no mutable variables.

For this hand-in you also need to consider scenarios where your solutions should return an error, i.e., an exception. The requirement is, that no matter what input you pass to your function that fulfils the function type, then the function should return the intended answer or an exception. It is up to you to define the exceptions and whether they should carry extra information, like error messages.

Exercise 6.1 HR exercise 6.2

Exercise 6.2 HR exercise 6.8

Exercise 6.3 HR exercise 7.2