



- Introduction and overview
- Basic types, definitions and functions
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- Higher order functions
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Structuring software with modules

Week 6 Echéance le déc 12, 2016 at 23:30 UTC

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Functors

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Modules as compilation units

Project

WRAPPING FUNCTIONS IN A MODULE (10/10 points)

1. Encapsulate the necessary values in a module named Exp so that the definition of example is accepted by the type checker.

THE GIVEN PRELUDE

```
type e = EInt of int | EMul of e * e | EAdd of e * e
```

YOUR OCAML ENVIRONMENT

Exercise complete (click for details) 10 pts v Exercise 1: make example compile Completed, 10 pts You did not modify example, good. Now, I will check that your function actually works Found example with compatible type. Computing example -2 -1 -2 Correct value (EInt 6) 1 pt Computing example 2 -3 -1 Correct value (EInt (-8)) 1 pt Computing example 2 4 0 Correct value (EInt 8) 1 pt Computing example 4 -1 1 Correct value (EInt 0) 1 pt Computing example -5 4 0 Correct value (EInt (-20)) 1 pt Computing example -1 4 1 Correct value (EInt (-5)) 1 pt Computing example 4 0 0 Correct value (EInt 0) 1 pt Computing example -3 3 2 Correct value (EInt (-15)) 1 pt Computing example -4 4 -1 Correct value (EInt (-12)) 1 pt Computing example 0 -3 4 Correct value (EInt 0) 1 pt





Contact

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