



- Introduction and overview
- Basic types, definitions and functions
- Basic data structures
- More advanced data structures
- Higher order functions
- Exceptions, input/output and imperative constructs
- Modules and data abstraction

Table of Contents

Guests

Structuring software with modules

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

Information hiding

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

Case study: A module for dictionaries

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

G.

Functors

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

Modules as compilation units

Project

OPENING MODULES (45/45 points)

1. The code given in the template has been written using some values declared in three modules of the standard library. Can you find what are these three modules? When you have found them, just use open directives to have the code accepted by the type checker. Be aware that the iter function appears in multiple module and that the order in which you open the modules is important.

YOUR OCAML ENVIRONMENT

```
Exercise complete (click for details)
                                                                                             45 pts
v Exercise 1: Finding open
                                                                                   Completed, 45 pts
Yes, you'll need some List
                                                                                                5 pts
You'll need a String indeed
                                                                                                5 pts
 You'll need to Digest that's for sure
                                                                                                5 pts
 You found just the three needed cases, bravo!
                                                                                                5 pts
Now I will check that your function actually works
Found print hashes with compatible type.
Computing print hashes
     | "|\255\157\231\229\n\028\209\202\021\226\223\018\026X\156";
| "5\243\169\214z9\237\128\207M-V\020\243\025>";
      "\180\004X\131\133\144\252\20211\168#\187\173\129\222";
      "\223U\230kH\164]\019\204\204K3\0293\135\225
      "\029\022\137)A@4\140\001+\238\127\167\177\142\176"]
                                                                                                5 pts
Expected output
   7CFF9DE7E50A1CD1CA15E2DF121A589C
   35F3A9D67A39ED80CF4D2D5614F3193E
   R40458838590FCCA6C31A823RRAD81DF
   DE55E66B48A45D13CCCC4B331D3387E1
   1D1689294140348C012BEE7FA7B18EB0
Computing
  print_hashes
     ["Y\overline{1590}001\252h\196\196\152\148\004\182\203\187\133w";
      "\001\171\252u\n\012\148!ge\028@\208\136S\029"]
                                                                                                5 pts
 Expected output
   599F5501FC68C4C4989404B6CBBB8577
   01ABFC750A0C942167651C40D088531D
Computing
  print_hashes
     ["\186\022=\020\202\191p\201\144\005<\002\209\226N";
"\156\190\149\153\2390\024\165\nt\161\244\165\\154\002";
      "\240e\172.\130rL\132s\150\176\244x]5\182"]
Expected output
                                                                                                5 pts
   BA163D14CA20BF70C990053C02D1E24E
   9CBE9599EF3018A50A74A1F4A57B9A02
   F065AC2E82724C847396B0F4785D35B6
```





5 pts



01EDD92D0E7941ED38B57E208D4BD054 5003D84A7E2659DD8FA7F8107902879A

5003D84A/E2059DD0FA/1010/3020.5...

Computing print_hashes ["\252v<\179\030\1538\243w79F\129\"\143\131"; ";\151\255\001?R\205\026\253\243\252\187\030\196t/"; ",\031\241\255\196&\003\141\006\0036\197\252D\n\241"; "<\235c\237\025\020\020\178*\226\240\239g\200\243\193"]

Expected output
FC763CB31E9938F37737394681228F83
3B97FF013F52CD1AFDF3FCBB1EC4742F
2C1FF1FFC426038D060336C5FC440AF1
3CEB63ED191414B22AE2F0EF67C8F3C1

5 pts

A propos

Aide

Contact

Conditions générales d'utilisation

Charte utilisateurs

Politique de confidentialité

Mentions légales







