<ul><li>Introduction and overview</li></ul>	FLOATING-POINT CONSTANTS (4/4 points) What is the result of compiling and evaluating 1.5 *. 1e3?
<ul> <li>Basic types, definitions and functions</li> </ul>	O Syntax error.
Table of Contents	Type error.
Basic Data Types Week 1 Echéance le déc 12, 2016 at 23:30	<ul><li>● 1500.</li></ul>
UTC    More Data Types	O 1500
Week 1 Echéance le déc 12, 2016 at 23:30 UTC	
Expressions Week 1 Echéance le déc 12, 2016 at 23:30 UTC	<ul> <li>The *. operator is a floating-point multiplication. Floating-point constants must contain a dot (e.g. 1.5), an exponential part (e.g. 1e3), or both: 1.5e3.</li> </ul>
Definitions Week 1 Echéance le déc 12, 2016 at 23:30 UTC	The OCaml toplevel always prints floating-point values with the dot notation.
Functions Week 1 Echéance le déc 12, 2016 at 23:30 UTC	What is the result of compiling and evaluating 1.5 *. 1000. ?
Recursion Week 1 Echéance le	O Syntax error.
déc 12, 2016 at 23:30 UTC	Type error.
<ul><li>Basic data structures</li></ul>	<ul><li>● 1500.</li></ul>
<ul><li>More advanced data structures</li></ul>	O 1500
Structures	
<ul><li>Higher order</li></ul>	The expression 1000., with a final dot, is a floating-point constant.

What is the result of compiling and evaluating [1.5 \*. 1000]?

functions

•	Exceptions, input/output	O Syntax error.
	and imperative	● Type error. ✔
	constructs	O 1500.
•	Modules and data abstraction	O 1500
		The expression 1000, without a final dot, is an integer constant; it cannot be used as argument for a floating-point multiplication, as there is no implicit type conversion in OCaml.
		What is the result of compiling and evaluating 1.5 *. "1e3"?
		O Syntax error.
		● Type error. ✔
		0 1500.
		O 1500
		There is no implicit type conversion in OCaml. The expression  "1e3" is a string, it cannot be used as argument for floating-point multiplication.
		Vous avez utilisé 1 essais sur 3
		FLOATING-POINT CONSTANTS (BIS) (4/4 points)
		What is the result of compiling and evaluating $1.5 * 1000$ .
		O Syntax error.
		● Type error. ✔

O 1500.
O 1500
The * operator is the integer multiplication, it cannot accept floating-point values as argument.
What is the result of compiling and evaluating 1.5e3?
O Syntax error.
O Type error.
<ul><li>● 1500.</li></ul>
O 1500
The expression 1.5e3 is a valid floating-point constant.
What is the result of compiling and evaluating 1000. +. 500. /. 2. ?
Syntax error.
Type error.
750.
<ul><li>■ 1250.</li></ul>

The same usual priorities apply also with floating-point operators.

Vha	
0	Syntax error.
0	Type error.
0	750.
•	1250.
	is is read as 1000. +. ( 500. /. 2. ), the spacing has no luence on operator priorities.
Vou	s avez utilisé 1 essais sur 3
Vha	MPARISON EXPRESSIONS (4/4 points)  t is the result of compiling and evaluating  e3 <= 1500. && 1500 <= 1500 && false <> true ?
Vha	
Vha	t is the result of compiling and evaluating e3 <= 1500. && 1500 <= 1500 && false <> true ?
Vha	t is the result of compiling and evaluating e3 <= 1500. && 1500 <= 1500 && false <> true ?  Syntax error.
Vha	is the result of compiling and evaluating e3 <= 1500. && 1500 <= 1500 && false <> true ?  Syntax error.  Type error.
Wha 1.5	t is the result of compiling and evaluating e3 <= 1500. && 1500 <= 1500 && false <> true ?  Syntax error.  Type error.  false
Wha 1.5	t is the result of compiling and evaluating e3 <= 1500. && 1500 <= 1500 && false <> true ?  Syntax error.  Type error.  false
What 1.5	tis the result of compiling and evaluating e3 <= 1500. && 1500 <= 1500 && false <> true ?  Syntax error.  Type error.  false  true   polymorphic comparison operators are able to compare

	/pe error.  ✔
0 1	false
0 t	true
	an't compare an integer value and a floating-point value ut an explicit type conversion.
	the result of compiling and evaluating int_of_float 1500.1 ?
O Sy	yntax error.
О Ту	/pe error.
<ul><li>f</li></ul>	false 🗸
O (t	true
and r	int_of_float   function truncates its floating-point argument eturns the resulting integer. This expression is equivalent to < 1500  .
and re 1500	eturns the resulting integer. This expression is equivalent to < 1500 .
and ro 1500 What is	eturns the resulting integer. This expression is equivalent to < 1500 .
and ro 1500 What is	eturns the resulting integer. This expression is equivalent to $< 1500$ . the result of compiling and evaluating floor $1500.1 = 1500$
and re 1500 What is Sy	eturns the resulting integer. This expression is equivalent to < 1500.  the result of compiling and evaluating floor 1500.1 = 1500.7  yntax error.

According to the OCaml manual, the	floor	function, is a function
that takes a float and returns a float.		

Vous avez utilisé 1 essais sur 3

## FLOATING-POINT EXPRESSIONS (4/4 points)

**Warning:** you only have 1 attempt (but anyway the result will not count in the final grading).

What is the result of compiling and evaluating [10. /. 3. \*. 3.]?

Syntax error.
O Type error.
O 9
0 9.
0 10
<ul><li>● 10.</li></ul>
This is read as (10. /. 3.) *. 3.
What is the result of compiling and evaluating 10./.3.*.3. ?
O Syntax error.
O Type error.
O 9
<b>9.</b>

<ul><li>● 10. ✓</li></ul>
This is read as (10. /. 3.) *. 3.
What is the result of compiling and evaluating sqrt 16. +. 9. ?
Syntax error.
O Type error.
0 5
<ul><li>5.</li></ul>
0 13
<ul><li>■ 13. ✓</li></ul>
<ul><li>● 13. ✓</li></ul>
This is read as (sqrt 16.) +. 9.
This is read as (sqrt 16.) +. 9.
This is read as (sqrt 16.) +. 9  What is the result of compiling and evaluating sqrt 16.+.9.?
This is read as (sqrt 16.) +. 9  What is the result of compiling and evaluating sqrt 16.+.9.?  Syntax error.
This is read as (sqrt 16.) +. 9  What is the result of compiling and evaluating sqrt 16.+.9.?  Syntax error.  Type error.

13. This is read as (sqrt 16.) +. 9. The spacing has no influence on the priority between operators. Vous avez utilisé 1 essais sur 1 BOOLEAN EXPRESSIONS (4/4 points) Warning: you only have 1 attempt (but anyway the result will not count in the final grading). What is the result of compiling and evaluating  $[1. \Leftrightarrow 2.5 \&\& 3 \Leftrightarrow 4]$ ? Syntax error. Type error. false true Business as usual. What is the result of compiling and evaluating not 1. = 2. | | not 3 = 4 |? Syntax error. Type error. false true

```
This is read as ((not 1.) = 2.) \mid | ((not 3) = 4) -, where the
  sub-expression (not 1.) and (not 3) are ill-typed.
What is the result of compiling and evaluating 1 \le 2.5 \&\& 3 \le 4.5?
  Syntax error.
  Type error.
  false
     true
                                   Rechercher un cours
What is the result of compiling and evaluating
1 <= int of float 2.5 && 3. <= floor 3.5 ?
  Syntax error.
  Type error.
    false
     true
  The expression int_of_float 2.5 evaluates to the integer value
  2M; and the expression floor 3.5 evaluates to the floating-point
  value 3. .
 Vous avez utilisé 1 essais sur 1
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