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CONDITIONAL EXPRESSIONS (4/4 points)

What is the result of compiling and evaluating if 1 = 2 then "abc" else "def"?

- Syntax error.
- Type error.
- O "abc"
- "def" **∨**
 - A conditional expression is well-typed when the condition is a boolean expression and the two branches share the same type.
 - The condition evaluating to false, the conditional expression evaluates like its second branch.

What is the result of compiling and evaluating if 1 = 2 then 3 else 4.5?

- Syntax error.
- Type error.
- **3**
- 0 4.5

The first branch contains an integer expression, while the second branch contains a floating-point expression.

What is the result of compiling and evaluating if $(1 \Leftrightarrow 2)$ then 3 else 4?

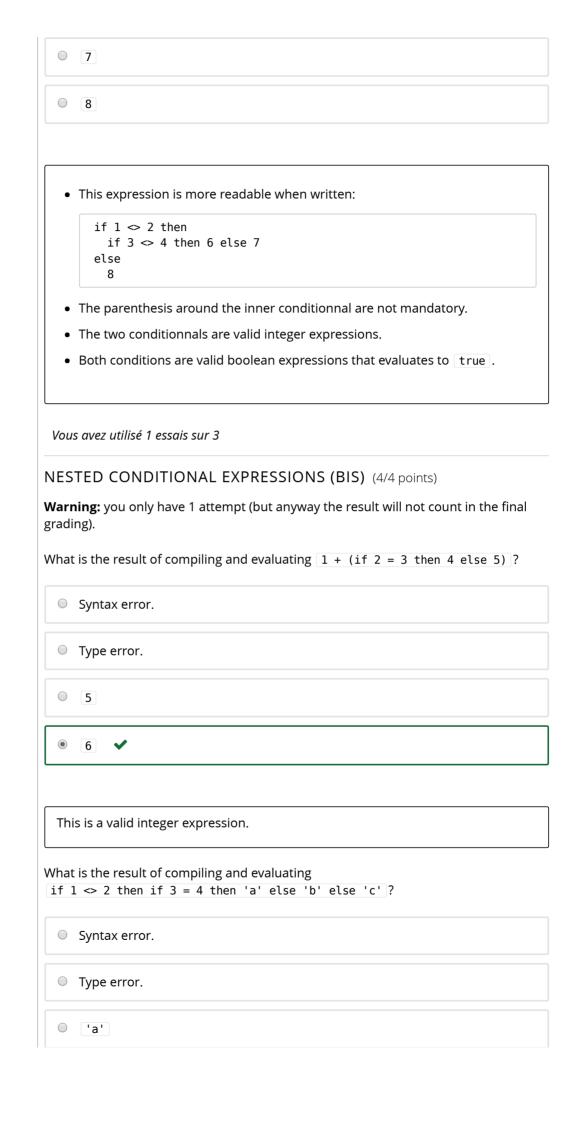
- Syntax error.
- Type error.
- 3

The	parenthesis around the conditional expression are not mandatory.
۷hat	is the result of compiling and evaluating if 1 then 2 else 3?
0	Syntax error.
•	Type error. ✓
0	2
0	3
The	integer literal 1 is not a valid boolean expression.
	DITIONAL EXPRESSIONS (BIS) (4/4 points) ing: you only have 1 attempt (but anyway the result will not count in the fire
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CON Varn radii Vhat	ing: you only have 1 attempt (but anyway the result will not count in the firing). is the result of compiling and evaluating if 1 = 2 then 34 else "56"? Syntax error. Type error. 34 "56" first branch contains an integer expression, while the second branch contains

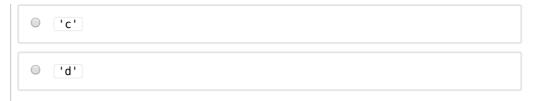
● Type error. ✓
0 3.4
O 5.6
One cannot compare integer and string expressions without explicit conversion.
What is the result of compiling and evaluating if "Amazone" < "Amour" then 3.4 else 5.6 ?
O Syntax error.
O Type error.
© [5.6]
In the alphanumerical order, "Amazone" comes before "Amour".
hat is the result of compiling and evaluating if 0 then 1 else 2?
O Syntax error.
● Type error. ✔
0 1
0 2
The integer literal 0 is not a valid boolean expression.
Vous avez utilisé 1 essais sur 1
NESTED CONDITIONAL EXPRESSIONS (3/3 points)

What is the result of compiling and evaluating 1 + (if 2 = 3 then 4. else 5.)?

● Type error. ✔	
0 5	
5.	
0 6	
0 6.	
	perand of an integer addition. ditional contain floating-point expressions. Then, ting-point expression and not the expected
What is the result of compiling and if (if $1 = 2$ then 3 else 4) \Leftrightarrow Syntax error.	
Type error.	
€6✓	
0 7	
The inner conditionnal is a valid to 5.	integer expression that can safely be compared
What is the result of compiling and if 1 <> 2 then (if 3 <> 4 ther	
O Syntax error.	
O Type error.	



• 'c'
This is a valid character expression.
What is the result of compiling and evaluating $[if 1 = 2 then (if 3 = 4 then 'a' else 'b') else (if 'c' \iff 'd' then 'e' e'?$
Syntax error.
O Type error.
O 'a'
O 'b'
○ 'c'
O 'd'
○ 'f'
This is a valid character expression where the two branches of the outer conditional contain valid character conditional expressions.
What is the result of compiling and evaluating if $1 = 2$ then if $3 = 4$ then 5 else 6 else if 'a' \Leftrightarrow 'b' then 'c' else 'd'
O Syntax error.
● Type error. ✔
© 5



• This is better read:

```
if 1 = 2 then
  if 3 = 4 then 5 else 6
else
  if 'a' <> 'b' then 'c' else 'd'
```

• The first branch of the outer conditional contains an integer expression, while its second branch contains a character expression.

Vous avez utilisé 1 essais sur 1

A propos

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Conditions générales d'utilisation

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Mentions légales









