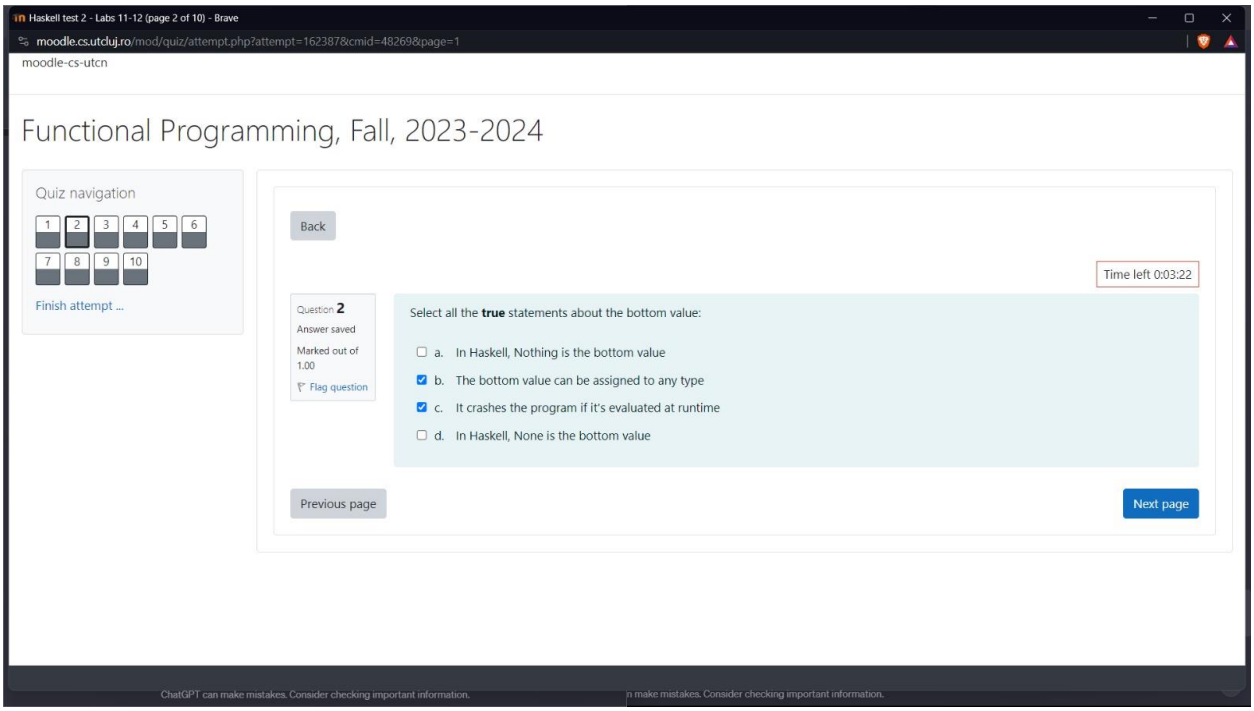
Haskell test 2 - Labs 11-12 (page 2 of 10) - Brave
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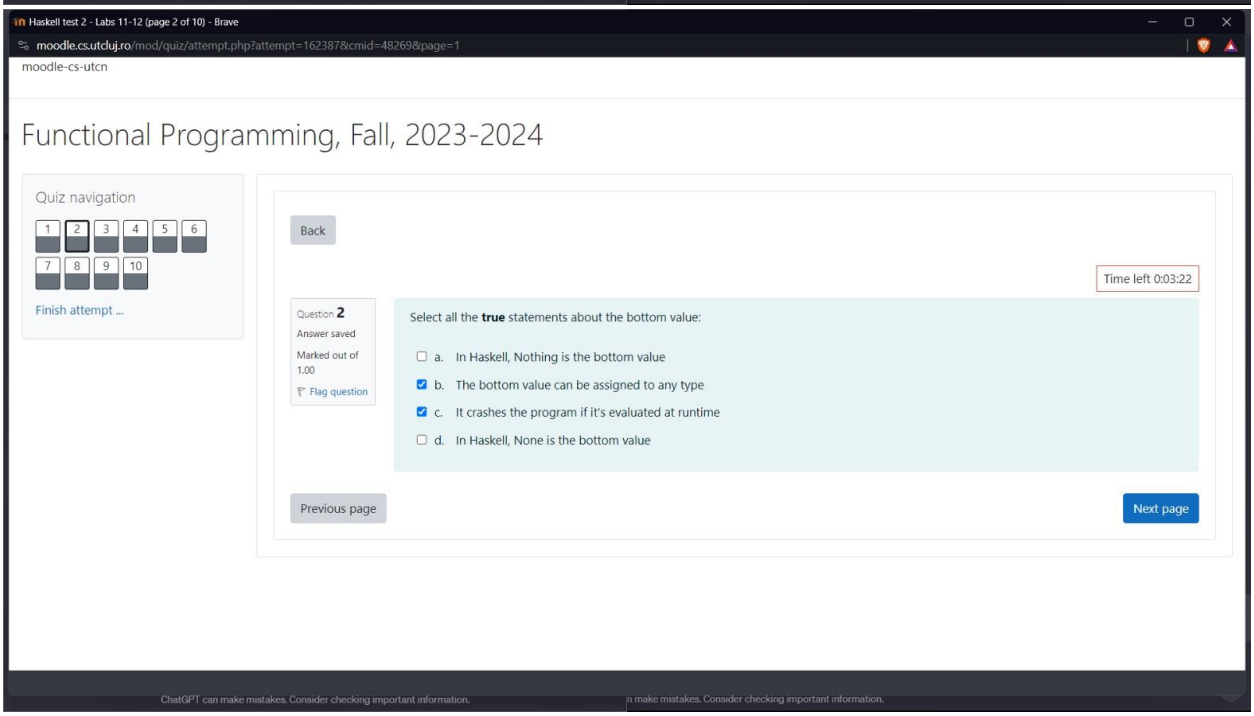
Functional Programming, Fall, 2023-2024
Quiz navigation
1 2 3 4 5 6
7 8 9 10
Finish attempt ...
Back
Time left 0:03:22
Question 2
Answer saved
Marked out of 1.00
Flag question
Select all the true statements about the bottom value:
a. In Haskell, Nothing is the bottom value
b. The bottom value can be assigned to any type
c. It crashes the program if it's evaluated at runtime
d. In Haskell, None is the bottom value
Previous page
Next page
ChatGPT can make mistakes. Consider checking important information.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moodle-cs-utcn
Functional Programming, Fall, 2023-2024
Quiz navigation
1 2 3 4 5 6
7 8 9 10
Finish attempt ...
Back
Time left 0:03:22
Question 2
Answer saved
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Previous page
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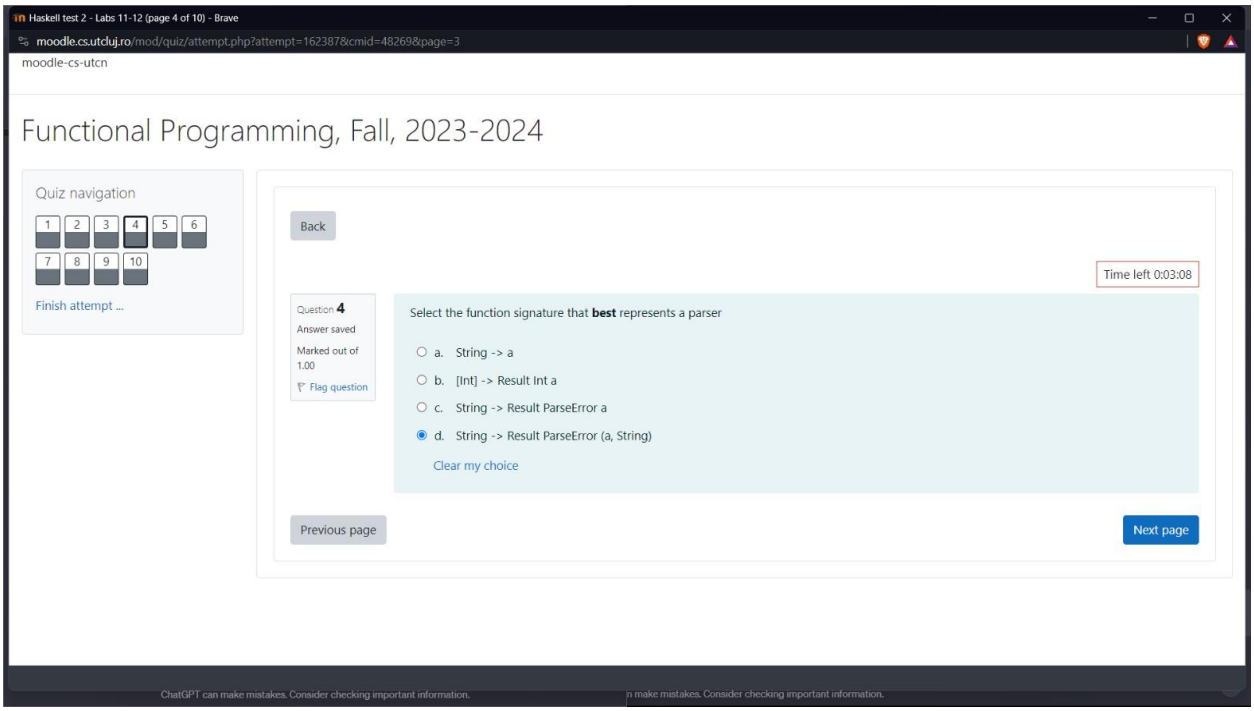
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Quiz navigation
1 2 3 4 5 6
7 8 9 10
Finish attempt ...
Back
Time left 0:03:08
Question 4
Answer saved
Marked out of 1.00
Flag question
Select the function signature that best represents a parser
a. String -> a
b. [Int] -> Result Int a
c. String -> Result ParseError a
d. String -> Result ParseError (a, String)
Clear my choice
Previous page
Next page
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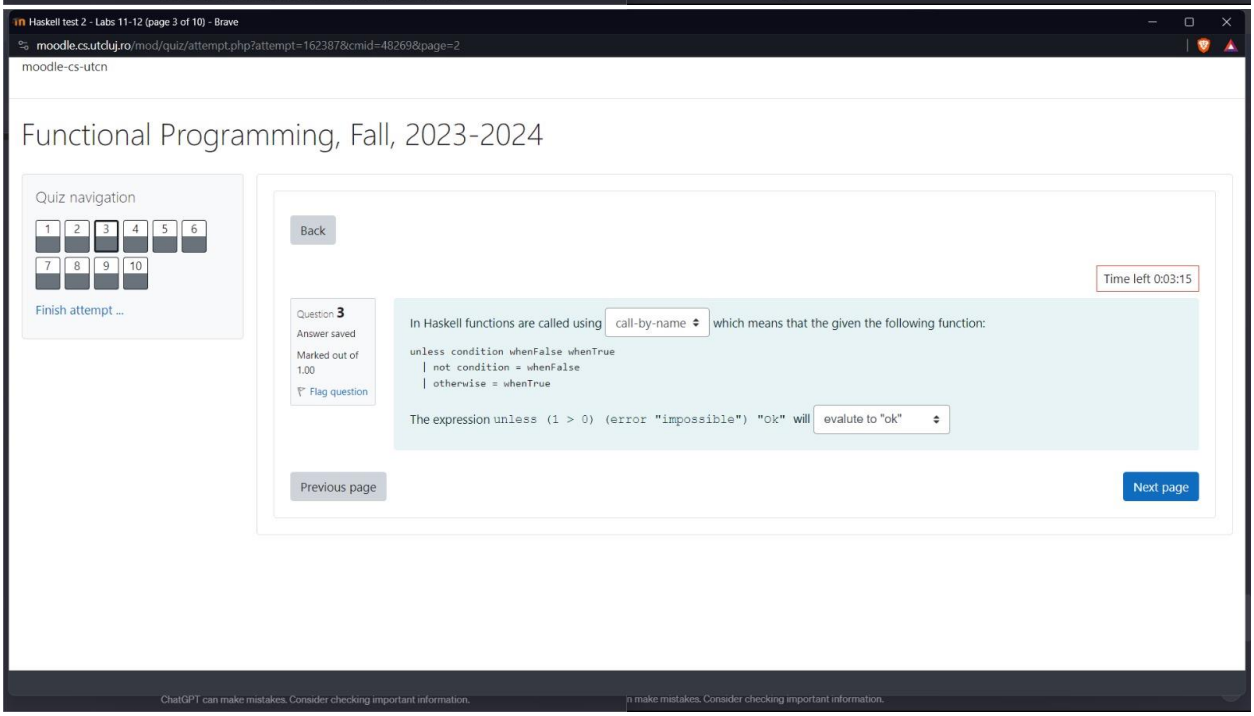
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Quiz navigation
1 2 3 4 5 6
7 8 9 10
Finish attempt ...
Back
Time left 0:03:15
Question 3
Answer saved
Marked out of 1.00
Flag question
In Haskell functions are called using call-by-name which means that the given the following function:
unless condition whenFalse whenTrue
| not condition = whenFalse
| otherwise = whenTrue
The expression unless (1 > 0) (error "impossible") "Ok" will evalute to "ok"
Previous page
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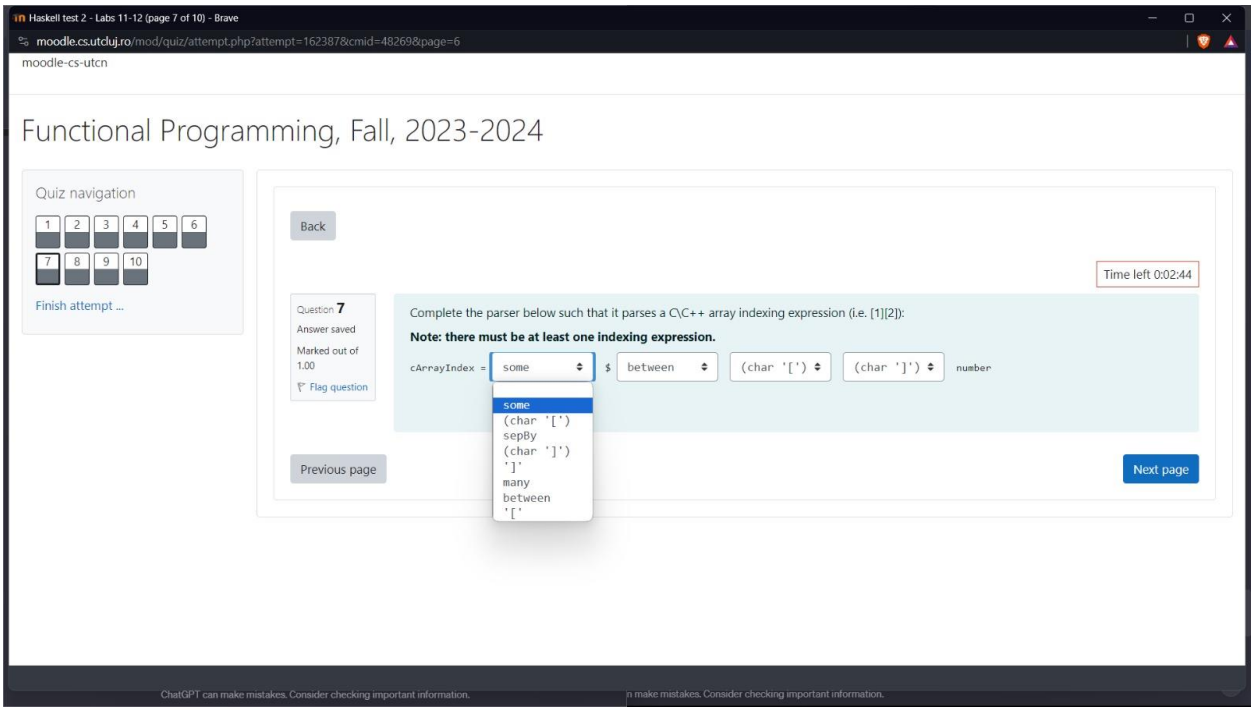
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Quiz navigation
1 2 3 4 5 6 7 8 9 10
Finish attempt ...
Back
Time left 0:02:44
Question 7
Answer saved
Marked out of 1.00
Flag question
Complete the parser below such that it parses a C\C++ array indexing expression (i.e. [1][2]):
Note: there must be at least one indexing expression.
cArrayIndex = some $ between (char '[') (char ']') number
some
(char '[')
sepBy
(char ']')
']'
many
between
'['
Previous page
Next page
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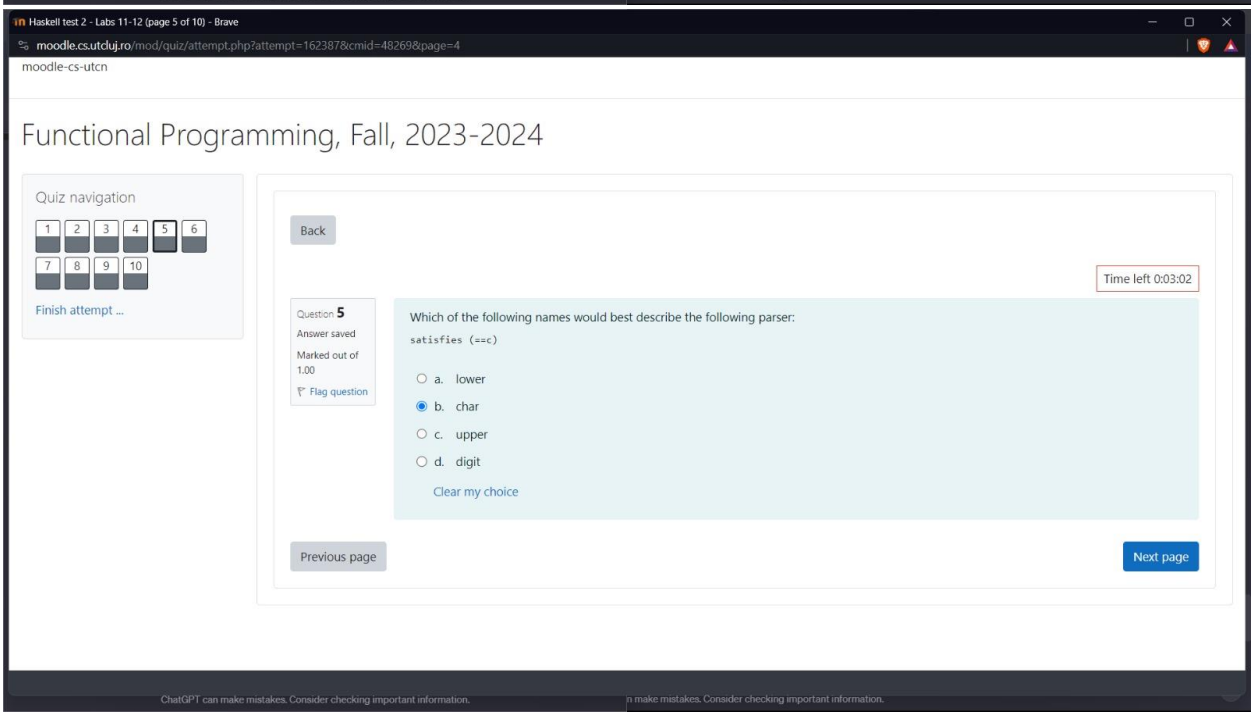
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Quiz navigation
1 2 3 4 5 6 7 8 9 10
Finish attempt ...
Back
Time left 0:03:02
Question 5
Answer saved
Marked out of 1.00
Flag question
Which of the following names would best describe the following parser:
satisfies (==c)
a. lower
b. char
c. upper
d. digit
Clear my choice
Previous page
Next page
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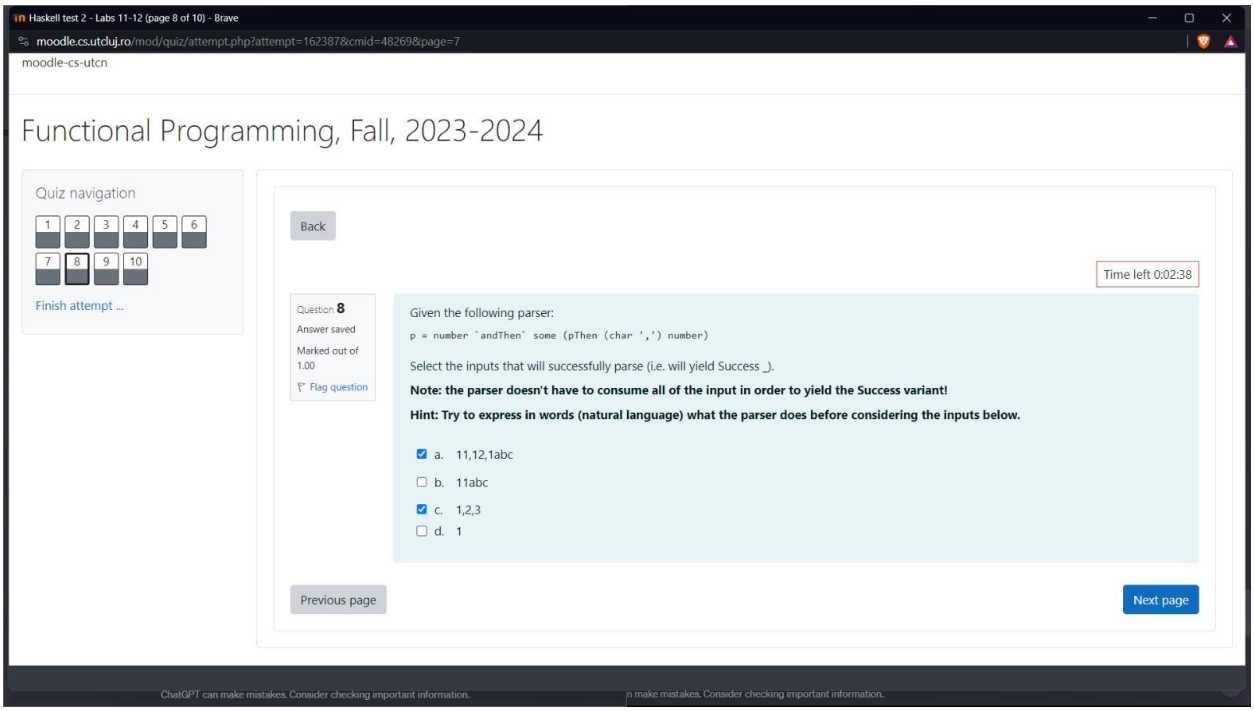
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Quiz navigation
1 2 3 4 5 6
7 8 9 10
Finish attempt ...
Back
Time left 0:02:38
Question 8
Answer saved
Marked out of 1.00
Flag question
Given the following parser:
p = number `andThen` some (pThen (char ',') number)
Select the inputs that will successfully parse (i.e. will yield Success _).
Note: the parser doesn't have to consume all of the input in order to yield the Success variant!
Hint: Try to express in words (natural language) what the parser does before considering the inputs below.
a. 11,12,1abc
b. 11abc
c. 1,2,3
d. 1
Previous page
Next page
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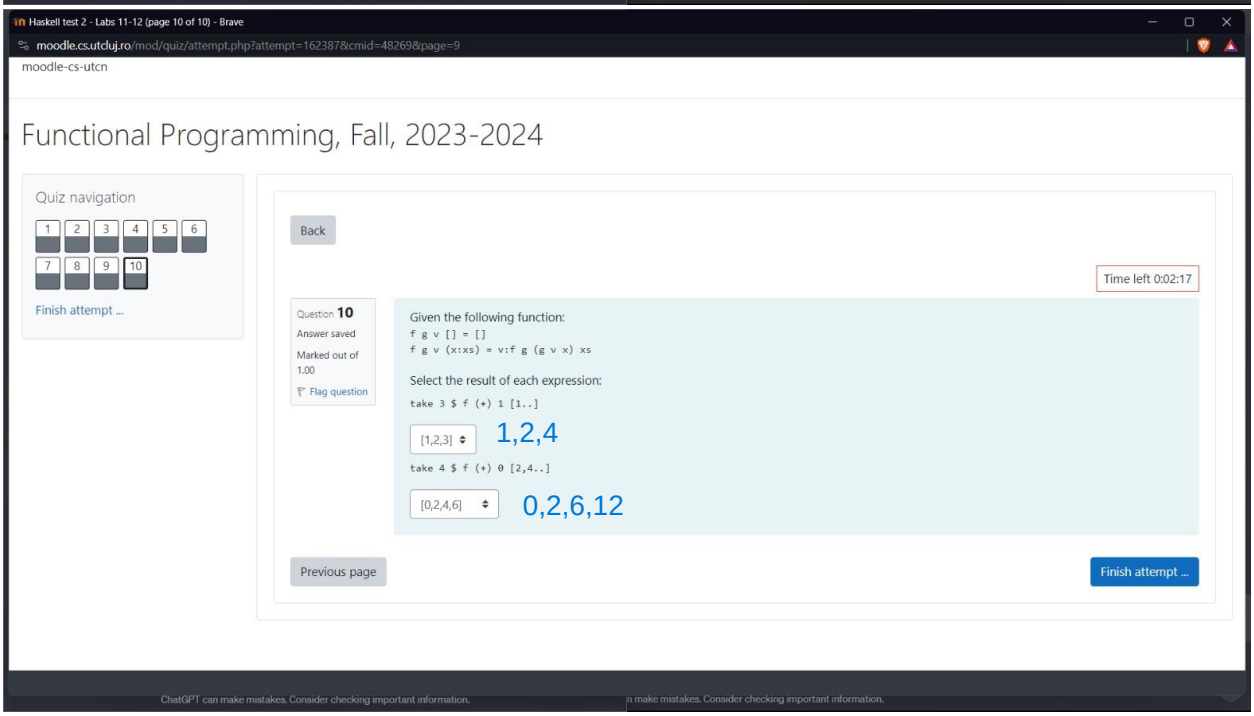
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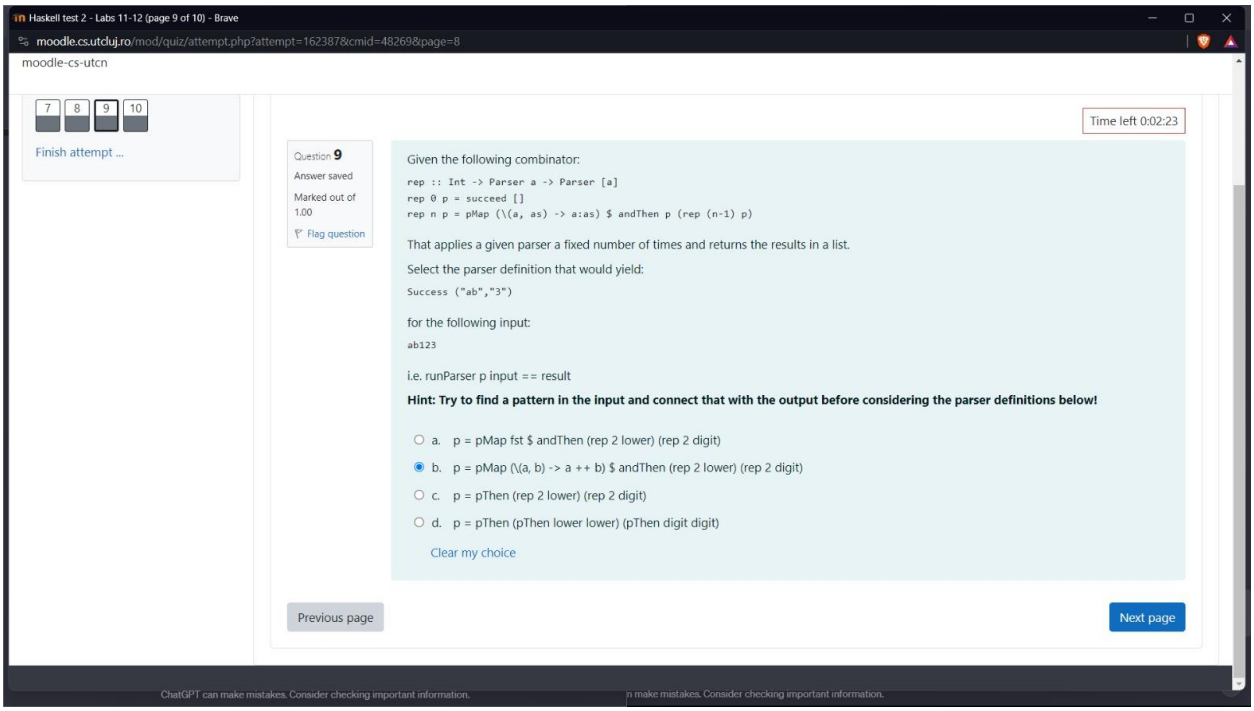
Quiz navigation
1 2 3 4 5 6
7 8 9 10
Finish attempt ...
Back
Time left 0:02:17
Question 10
Answer saved
Marked out of 1.00
Flag question
Given the following function:
f g v [] = []
f g v (x:xs) = v:f g (g v x) xs
Select the result of each expression:
take 3 $ f (+) 1 [1..]
[1,2,3]
1,2,4
take 4 $ f (+) 0 [2,4..]
[0,2,4,6]
0,2,6,12
Previous page
Finish attempt ...
ChatGPT can make mistakes. Consider checking important information.



Which of the following names would best describe the following parser:

```
satisfies (`elem` ['a'..'z'])
```

- a. digit
- b. char
- c. lower
- d. upper

Clear my choice