Quiz 3

Due No due date   **Points** 5   **Questions** 5
Available Mar 6, 2020 at 10:15am - Mar 6, 2020 at 10:30am 15 minutes
Time Limit 8 Minutes

Instructions

Good afternoon!

Please read the functions carefully in the quiz.

> This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	**Time**	**Score**
LATEST	[Attempt 1](#)	7 minutes	5 out of 5

Score for this quiz: **5** out of 5
Submitted Mar 6, 2020 at 10:29am
This attempt took 7 minutes.

Question 1   1 / 1 pts

Which of the following is **not** a valid list?

- ○ [10..2]

- ○ [[[]]]

Correct!   ● [[1,2],[hd ['a','b','c']],[3,9..17]]

- ○ [[1],[1..10],[length ['a','b','c']]]

Question 2   1 / 1 pts

What is the output of the following code:

```
func::[Int] [Int]->Int
func x y
| x == [] = 0
| y == [] = 0
= ((hd x) * (hd y)) + (func (tl x) (tl y))

Start = func [2,4,3,6] [3,-1,7]
```

○ Runtime error

Correct!   ◉ 23

○ 28

○ 24

Question 3   1 / 1 pts

What is the output of the following code:

```
module quiz
import StdEnv

notfib::Int -> Int
notfib n = fibAux n 1 1

fibAux::Int Int Int -> Int
fibAux i a b | i > 0 = fibAux (i-1) b (2*a+b)
| i < 0 = 0 = a

Start= notFib 5
```

○ Compile Error

○ 15

Correct!   ◉ 21

○ 8

Question 4   1 / 1 pts

Which one is a valid function header in Clean?

○ (!=) Int Int -> float

○ (!=) infix 5 [a] [a] -> [Bool]

Correct! ▶ ● (!=) infix 5 :: [a] [a] -> Bool

○ (!=) :: int Int => float

Question 5   1 / 1 pts

What does the flatten operation do?

Correct! ▶ ● Concatenates lists from list of lists into one

○ Takes first element from list of lists

○ Concatenates first two elements from list of lists

○ Puts elements of list into a new list

Quiz Score: **5** out of 5