

NPTEL » Introduction To Haskell Programming

Announcements

About the Course

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Mentor

1 point

## Unit 2 - Week 1: Introduction

Course outline Assignment 1 How to access the The due date for submitting this assignment has passed. portal As per our records you have not submitted this assignment. Week 1: Introduction Consider the following Haskell definition. Functions  $f x y z = x \parallel \text{not (not } y \neq z)$  Types Haskell Which of the following is a possible type of f? Running Haskell (Bool, Bool, Bool) -> Bool programs Bool -> Bool -> Int -> Bool Currying Bool -> Int -> Int -> Bool Examples Bool -> Bool -> Bool -> Bool Week 1 Feedback No, the answer is incorrect. Score: 0 O Quiz : Assignment 1 Accepted Answers: Bool -> Bool -> Bool -> Bool Week 2: Lists, Consider the following Haskell definition. Strings, Tuples f x y z = not (x < y) == (y < z || z > 0)Week 3: Rewriting, Polymorphism, **Higher Order** If f x y 2 returns False, which of the following four input combinations are possible? **Functions on Lists** x = 0, y = 0x = 0, y = 1Week 4: Efficiency, x = 1, y = 0Sorting, Infinite lists, Conditional x = 1, y = 1polymorphism, Using No, the answer is incorrect. ghci Score: 0 Accepted Answers: Week 5: User-defined x = 0, y = 1datatypes, abstract datatypes, modules False). Week 6: recursive data types, search f3 True \_ = False trees f3 \_ y = ... Week 7: arrays, IO Which of the following is a correct replacement for the ... ? False Download not y Text Transcripts True y 1st Nov Programming Test Session-1 No, the answer is incorrect. Score: 0 (10am-12 noon) Accepted Answers: not y 1st Nov Programming Test Session-2 Consider the following recursive function definitions. (8pm-10pm) f 0 = 1f n = g n ngn0=1g n i = g n (i-1) + h i (n+1)h 0 n = 1h i n = h (i-1) (n-1) + h (i-1) (n+1)What is the value of f 8?

(Type: Numeric) 8755

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Due on 2019-09-11, 23:59 IST.
                                                                                                                 1 point
                                                                                                                 1 point
3) Consider the following incomplete definition of the NOR function (NOR x y = True if and only if both x and y are
                                                                                                                 1 point
No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type: Numeric) 511
                                                                                                                 1 point
Consider the following recursive definition.
     f n = g n 0
     gna
           | n == 0
                        = a
           otherwise
                        = g q (10*a + r)
                where
                     q = div n 10
                     r = mod n 10
     What is the value of f 5578?
No, the answer is incorrect.
Score: 0
Accepted Answers:
```