# Haskell Programming Assignment: Various Computations

## **Learning Abstract**

This Haskell Programming Assignment: Various Computations is a total of 8 tasks. Task 1 involves mimicking a demo to gain familiarity with Haskell and list manipulation. Task 2-6 focus on high order functions, recursive functions, and more complex tasks. Task 7 we create an nVPI and task 8 we use a Haskell program provided to perform the different functions included and see how they work.

**Task 1: Mindfully Mimicking the Demo**

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**Task 2: Numeric Function Definitions**

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**Demo:**

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**Task 3: Puzzlers**

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**Demo:**

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**Task 4: Recursive List Processors**

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**Demo:**

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**Task 5: List Comprehensions**

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**Demo:**

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**Task 6: Higher Order Functions**

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**Demo:**

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**Task 7: An Interesting Statistic: nPVI**

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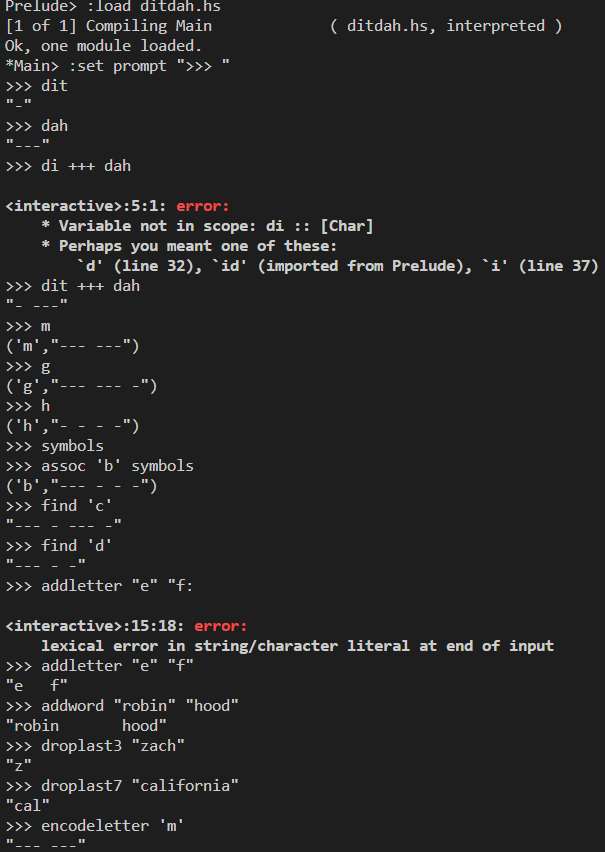
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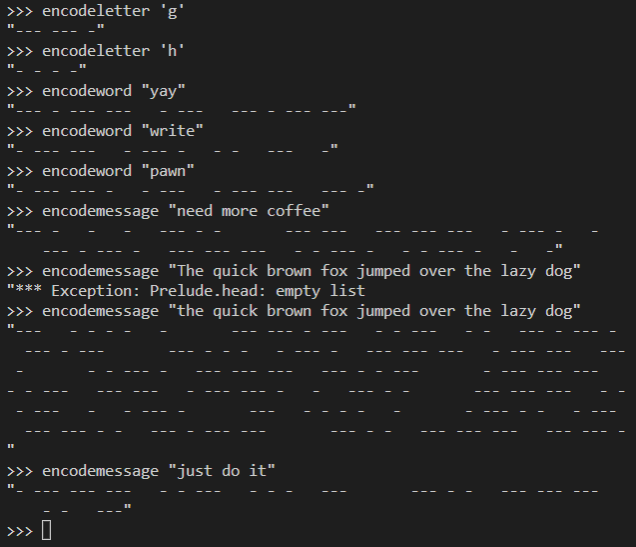
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**Task 8: Historic Code: The Dit Dah Code**

**Demos:**

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