Assignment0

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1   All About Me

1.1   Previous Experience

I took the Structure of Programming Language course in Fall 2017. This was my first ever experience on any functional programming language. We submitted a few programming assignments in OCaml. So, we had a hands on experience on simple iteration, recursion, helper functions, combinator function, lists, data types, matching, error handling, continuation passing style, raising and handling exceptions, etc. And I do not have any experience in functional programming techniques like MapReduce. Right now I am working on my DRP project for which I am writing a algebraic library in Haskell. But I donot find myself still confident using functional programming basics (like higher-order functions, generics, etc.)

1.2   Hope to Get out of This Class

- More understanding of function programming.

- Learning advanced level of Haskell.

- Using Haskell for different research projects.

- Exploring the prospective research areas on the foundation of Programming Languages.

2   Let's Get Hacking

I have installed GHC version 8.2.2. And I also have set up the Haskell Stack. After opening up the Hakell interpreter GHCi, I typed in the given expression:
let motor sounds = sounds "Vroom! " in motor cycle
And then I got an infinite loop of the text "Vroom!".