Project 2 Report
COMP 301 - Spring 2022
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Part A

Syntax and Datatypes	: syntax in *lang.rkt*, datatypes in *data-structures.rkt*
Values	: indicated in *data-structures.rkt*
Environment	: environment components handled in *environments.rkt*
Behavior Specifications	: None
Behavior Implementation	: defined in *interp.rkt*

Part B

initial-env: [z=3]

               [y=2]

                     [x=4] ᴘ

For abbreviation it is the initial environment. Values are determined according to the *tests.rkt.*

extended-env: [v=3]

               [z=3]

                     [y=2]

                           [x=4] ᴘ

In this context, variable v=3 is added and our environment becomes extended.

Part C

ExpVal = Int + Bool + String + Rational
DenVal = Int + Bool + String + Rational

Workload Breakdown

Parts A, B and C: We did these initial, relatively short parts together to have a consensus on the structure of this MYLET language we are implementing.

Part D: Since this part required more work, we made a slight distribution of four subparts of Part D. Özkan mainly worked on parts 2 and 3. Murat mainly worked on parts 1 and 4. We helped each other when one of us struggled.