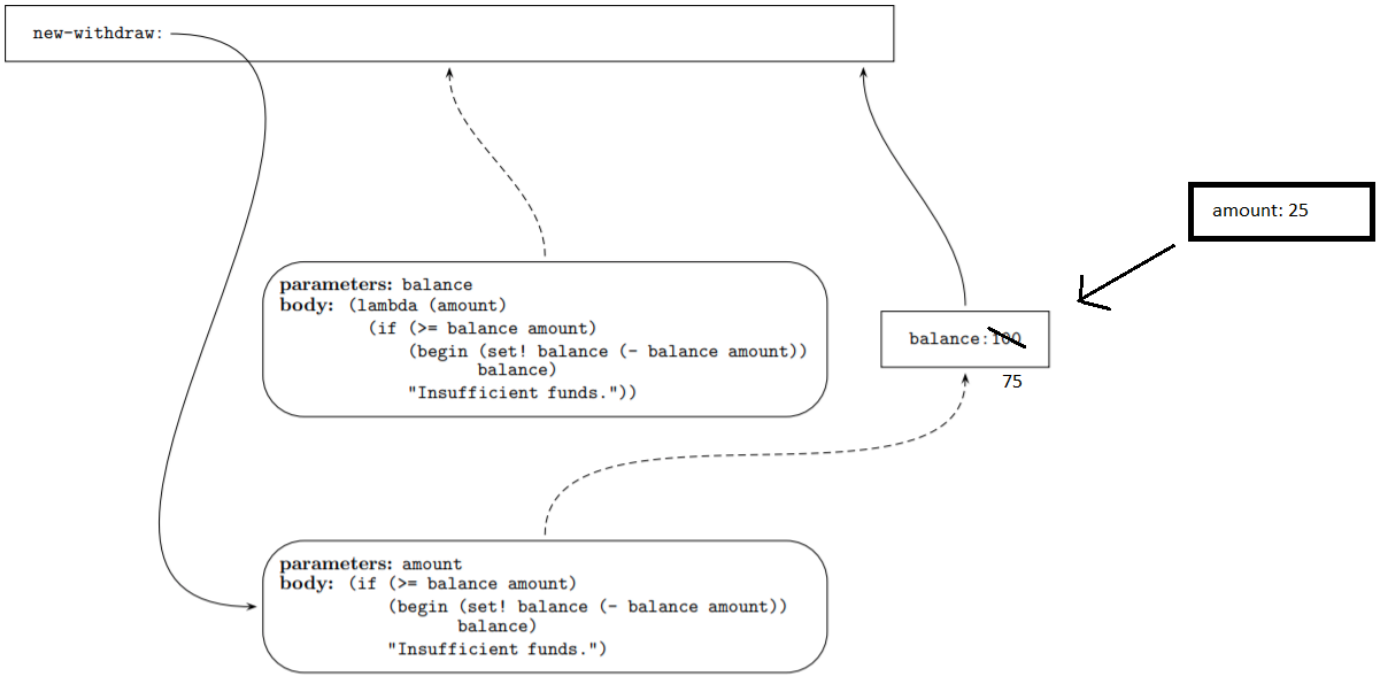
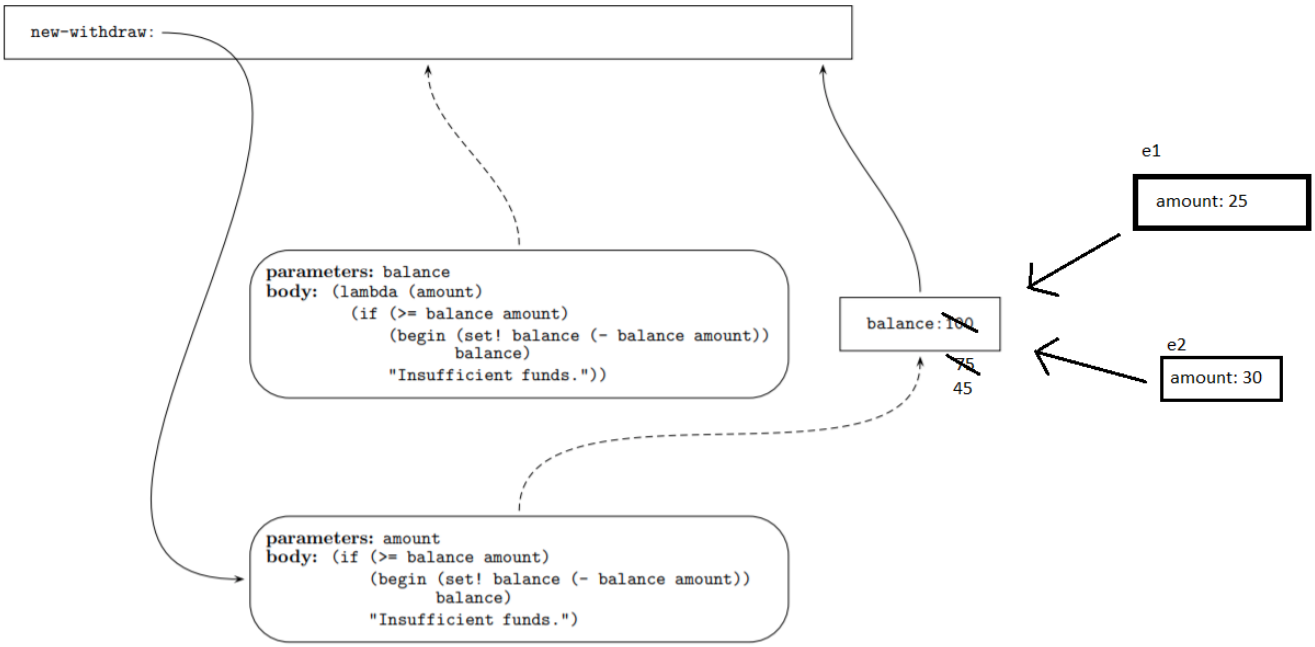
Jesse Huynh
CS 450
Homework 4

Question 2.

New-withdraw 25

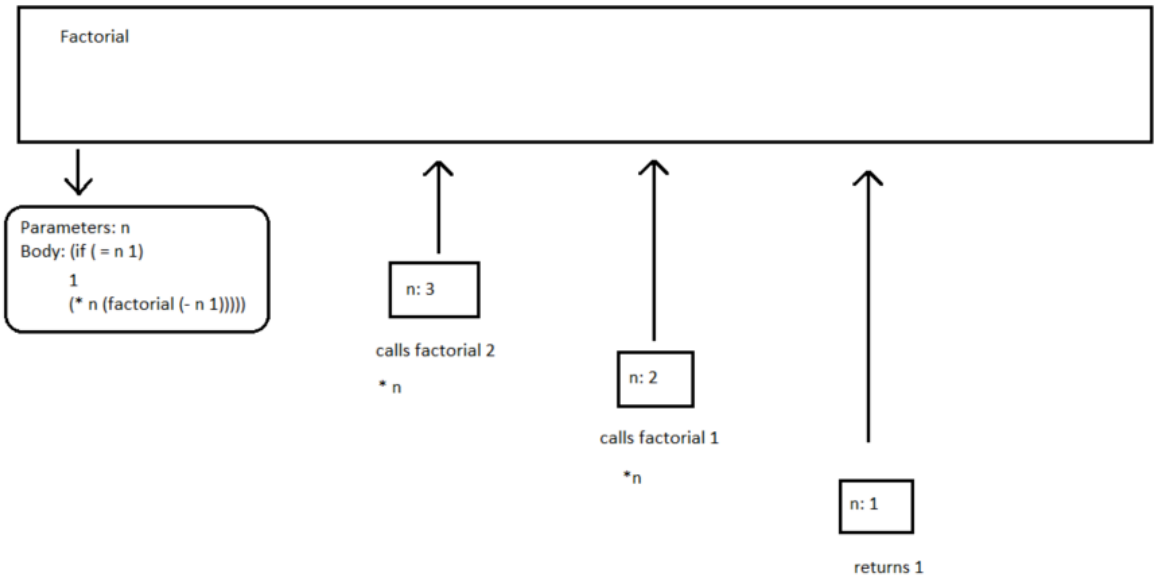


New-withdraw 30



Question 5

a. I was not sure how to do this part, as in the example, sqrt has functions defined within but in the recursive factorial, there were not. In the sqrt example, there is an instance with x2 and all the calls point back to it, however I was not sure how to do that with just 3 and no function calls in factorial so I did it differently.



b. Iterative

I once again tried to do it like sqrt, but realized that it did not have fact-iter under the definition of factorial, but as a helper function. I then proceeded to do this problem similarly to I did for a, with all the arrows pointing back towards the main environment.