

CSci 2041:
Advanced Programming Principles

University of Minnesota,
Prof. Van Wyk,
Spring 2018

Exercise #1: Evaluation

Write the step-by-step transformation of the following expressions into values.

- ▶ `let x = 1 + 2 in let y = x + 3 in x + y`

- ▶ Assuming this declaration

```
let rec rev = function
  | [] -> []
  | x::xs -> rev xs @ [x]
```

evaluate `rev [1;2;3]`