17-363/17-663: Programming Language Pragmatics, In-Class Exercises Andrew ID:	September 11, 2024
1. [Small-Step Operational Semantics] Show the derivation for a single st following program: $1 + (x \Rightarrow x + 2)(3)$	ep of execution of the

2. [Substitution] Show the derivations for the first three single steps of execution for the following program: let x = 1 in (let y = (let x = 3 in x) in x+y)