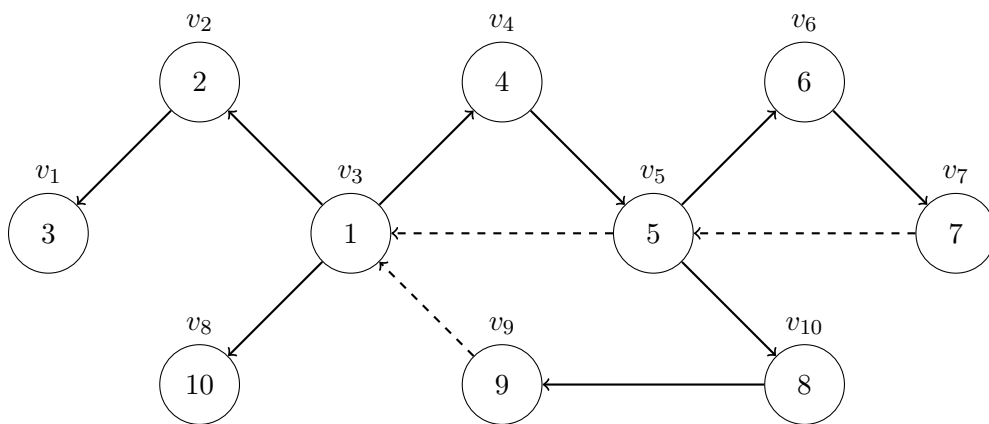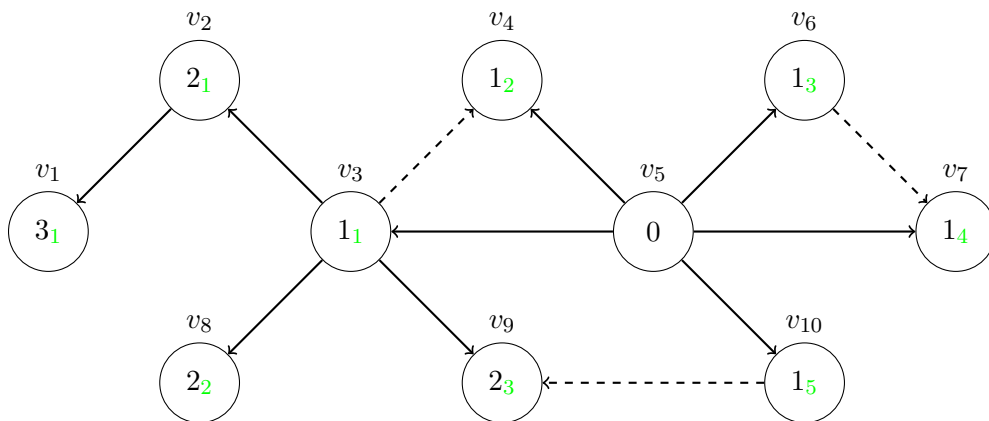# Exercise Sheet 4
Elias Gestrich

Exercise 1: Graphs

a)

b)

Exercise 2: Iteration

a) $[E, N, S, I, R, T]$
   $[E, I, S, N, R, T]$
   $[E, I, N, S, R, T]$
   $[E, I, N, R, S, T]$
   $[E, I, N, R, S, T]$

b) *SelectionSort* will sort $[2, 2, 1]$, so that the first 2 will be after the second 2.

c) $[E, S, L, E, C, T]$
$[E, L, S, E, C, T]$
$[E, L, E, S, C, T]$
$[E, E, L, S, C, T]$
$[E, E, L, C, S, T]$
$[E, E, C, L, S, T]$
$[E, C, E, L, S, T]$
$[C, E, E, L, S, T]$
$[C, E, E, L, S, T]$