

# Selection Sort – Exercise

54	26	93	17	77	31	44	55	20
17	20	26	31	44	54	55	77	93

List to sort

PASS 1 (   Comp,   Swap)

PASS 2 (   Comp,   Swap)

PASS 3 (   Comp,   Swap)

PASS 4 (   Comp,   Swap)

PASS 5 (   Comp,   Swap)

PASS 6 (   Comp,   Swap)

PASS 7 (   Comp,   Swap)

PASS 8 (   Comp,   Swap)

Total PASS 8 (   Comp,   Swap)

# Insertion Sort – Exercise

→

pick 26 & inserted

pick 93 & inserted

pick 17 & inserted

pick 77 & inserted

pick 31 & inserted

pick 44 & inserted

pick 55 & inserted

pick 20 & inserted

54	26	93	17	77	31	44	55	20
26	54	93						

List to sort

PASS 1 ( Comp, Shift)

PASS 2 ( Comp, Shift)

PASS 3 ( Comp, Shift)

PASS 4 ( Comp, Shift)

PASS 5 ( Comp, Shift)

PASS 6 ( Comp, Shift)

PASS 7 ( Comp, Shift)

PASS 8 ( Comp, Shift)

Total PASS 8 (26 Comp, 20 Shift)