

Selection Sort - Exercise

54 26 93 17 77 31 44 55 20

List to sort

54 26 20 17 77 31 44 55 93

PASS 1 (8 C, 1 Swap)

54 26 20 17 55 31 44 77 93

PASS 2 (7 C, 1 Swap)

54 26 20 17 44 31 55 77 93

PASS 3 (6 C, 1 Swap)

31 26 20 17 44 54 55 77 93

PASS 4 (5 C, 1 Swap)

31 26 20 17 44 54 55 77 93

PASS 5 (4 C, 0 Swap)

17 26 20 31 44 54 55 77 93

PASS 6 (3 C, 1 Swap)

17 20 26 31 44 54 55 77 93

PASS 7 (2 C, 1 Swap)

17 20 26 31 44 54 55 77 93

PASS 8 (1 C, 0 Swap)

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Selection Sort - Exercise

11 34 26 90 37 58 10 47 36

List to sort

11 34 26 36 37 58 10 47 90

PASS 1

11 34 26 36 37 47 10 58 90

PASS 2

11 34 26 36 37 10 47 58 90

PASS 3

11 34 26 36 10 37 47 58 90

PASS 4

11 34 26 10 36 37 47 58 90

PASS 5

11 10 26 34 36 37 47 58 90

PASS 6

11 10 26 34 36 37 47 58 90

PASS 7

10 11 26 34 36 37 47 58 90

PASS 8

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Insertion Sort - Exercise

54 26 93 17 77 31 44 55 20

List to sort

26 54 93 17 77 31 44 55 20

PASS 1 (1 C, 1 Shift)

26 54 93 17 77 31 44 55 20

PASS 2 (1 C, 0 Shift)

17 26 54 93 77 31 44 55 20

PASS 3 (3 C, 3 Shift)

17 26 54 77 93 31 44 55 20

PASS 4 (2 C, 1 Shift)

17 26 31 54 77 93 44 55 20

PASS 5 (4 C, 3 Shift)

17 26 31 44 54 77 93 55 20

PASS 6 (4 C, 3 Shift)

17 26 31 44 54 55 77 93 20

PASS 7 (3 C, 2 Shift)

17 20 26 31 44 54 55 77 93

PASS 8 (8 C, 7 Shift)

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Insertion Sort - Exercise

35 34 26 90 37 28 10 27 36

List to sort

34 35 26 90 37 28 10 27 36

PASS 1

26 34 35 90 37 28 10 27 36

PASS 2

26 34 35 90 37 28 10 27 36

PASS 3

26 34 35 37 90 28 10 27 36

PASS 4

26 28 34 35 37 90 10 27 36

PASS 5

10 26 28 34 35 37 90 27 36

PASS 6

10 26 27 28 34 35 37 90 36

PASS 7

10 26 27 28 34 35 36 37 90

PASS 8

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