

## **Module 4: Sorting Techniques - Answers for Quiz(Chapter-1)**

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# Chapter 1

## Answers for Quiz(Module-4 Chapter-2)

### 1.1 Answers

1.  $\theta(n)$

2. Sequence of steps is given below.

(a)  $\langle 5,9,1,3,4,6,2,4 \rangle$

(b)  $\langle 5,1,9,3,4,2,6,4 \rangle$

(c)  $\langle 1,5,3,9,2,4,4,6 \rangle$

(d)  $\langle 1,3,5,2,9,4,4,6 \rangle$

(e)  $\langle 1,3,2,5,4,9,4,6 \rangle$

(f)  $\langle 1,2,3,4,5,4,9,6 \rangle$

(g)  $\langle 1,2,3,4,4,5,6,9 \rangle$