

**Figure 8-1: Decision Tree for Insertion Sort**

```

InsertionSort(A)
  for (j = 2, j ≤ n, j++)
    key = A[j]
    i = j-1
    while (i > 0, A[i] > key) {
      swap A[i+1] and A[i]
      i—
    }
    A[i+1] = key

```

Example: array A has three elements

