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Clifford Stein , Introduction to Algorithms, Third Edition

2.1-1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 31 | 41 | 59 | 26 | 41 | 58 |
| 26 | 31 | 41 | 59 | 41 | 58 |
| 26 | 31 | 41 | 41 | 59 | 58 |
| 26 | 31 | 41 | 41 | 58 | 59 |

2.1-2

for j = 2 to A.length do

key = A[j] 3: // Insert A[j] into the sorted sequence A[1..j − 1].

i = j − 1 5: while i > 0 and A[i] < key do

A[i + 1] = A[i]

i = i − 1 8: end while

A[i + 1] = key

end for