S O R T E X A M P L E a[0] a[1] a[2] a[3] a[4] a[5] a[6] a[7] a[8] a[9] a[10]

Sắp xếp Merge:

A E E L M O P R S T X

a[0] a[1] a[2] a[3] a[4] a[5] a[6] a[7] a[8] a[9] a[10]

Ma trận a không muốn thay đổi:

S O R T E X A M P L E a[0] a[1] a[2] a[3] a[4] a[5] a[6] a[7] a[8] a[9] a[10]

A E E L M O P R S T X

Ind[0] Ind[1] Ind[2] Ind[3] Ind[4] Ind[5] Ind[6] Ind[7] Ind[8] Ind[9] Ind[10]

6 4 10 9 7 1 8 2 0 3 5

"it", "was", "the", "best", "of", "times", "it", "was", "the", "worst"

K[0] K[1] K[2] K[3] K[4] K[5] K[6] K[7] K[8] K[9]

indexPQ

pq[0] pq[1] pq[2] pq[3] pq[4] pq[5] pq[6] pq[7] pq[8] pq[9]

9 1 7 5 8 2 4 6 0 3

qp[0] qp[1] qp[2] qp[3] qp[4] qp[5] qp[6] qp[7] qp[8] qp[9]

8 1 5 9 6 3 7 2 4 0

9 worst

1 was

7 was

5 times

8 the

2 the

4 of

6 it

0 it

3 best