88.

m+n

m

num 1 = [2, 4, 6, 0, 0, 0]

num 2 = [1, 3, 4]

n

$i = m - 1$

$j = n - 1$

$k = m + n - 1$

① Compare 6 & 4

∵ 6 > 4

∴ num 1 = [2, 4, 6, 0, 0, 6]

i-- (=1)

k-- (=4)

② Compare 4 & 4

∵ 4 = 4

∴ num1 = [2, 4, 6, 0, 4, 6]

j-- (=1)

k-- (=3)

③ Compare 4 & 3

∵ 4 > 3

∴ num1 = [2, 4, 6, 4, 4, 6]

i-- (=0)

k-- (=2)

④ Compare 2 & 3

∵ 2 < 3

∴ num 1 = [2, 4, 3, 4, 4, 6]

j-- (=0)

k-- (=1)

⑤ Compare 2 & 1

∵ 2 > 1

∴ num 1 = [2, 2, 3, 4, 4, 6]

i-- (=-1)

k-- (=0)

⑥ ∵ i = -1 < 0

∴ num 1 [k] = num2 [j]

∴ num1 = [1, 2, 3, 4, 4, 6]