Fooducts of corray except self- prefix and suffix

close Solution: def prod of acting (self, rums; list Eint]) -> list Eint? n = len (nums)

result = 20] & n pol = [0]* n suff = LoJ*n

profice = suff[n-1] = 1

for i in tange (1, n):

profice = nums[i-1] * preficion

suff[i] = nums[i+1] * suff[i] + 1

for i in tange (n):

result[i] = preficion suff[i]

teturn result

print (Solution (). prod_of_orray (nums = [1,2,46])

Step 1: self -> solution instance rums -> [1,2,4,6] result -> [0,0,0,0] prof -> [0,0,0,0] suff -> [0,0,0,0] Step 2! prof $\{0\}$ = Suff [n-1] = 1 prof = [1,0,0,0]Suff = [0,0,0,1]Step 3:) for i in sampe (1,n): prof [i] = nums [i-1] * prof [i-1]Horations:

pref [1] = rums [0] # pref [0] 27 1
pref -7 [1,1,0,0]

2nd. i-72

Herations:

Note 1,1,28]

Note 1,1,28]

Note 1,1,28]

Note 1,1,28]

Note 1,1,28]

result _> [48,0,0,0]

2nd. i-71 &esult [1] = pref[1] # suff [1] => 24 &esult -> [18,24,0,0]

32d. i-72Sesult [2] = Nef[2] * Suff[2] = 72result -7[2] * 48, 24, 12, 0

4H. i-73 Eesult [3] = neg [3] # suff [3] =>8 Sesult -7 [40,24, 12,8]