Input : 6 3

30 20 40 80 70 60

n = 6 , k = 3

answer = 0

arr = 30 20 40 80 70 60

brr = 30 20 40 80 70 60

brr = 30 20 40 80 70 60   sortExceptK (brr , 2, 5)

brr = 20 30 40 60 70 80   Arrays.sort (brr)

last = brr[5] = 80

for (i=5 ; i > 2 ; i--)

brr = 20 30 40 60 70 70   brr [5] = arr[4] = 70

brr = 20 30 40 60 60 70   brr [4] = arr[3] = 60

brr = 20 30 40 40 60 70   brr [3] = arr[2] = 40

brr = 20 30 80 40 60 70   brr[2] = last = 80

brr = 20 30 80 40 60 70

arr = 30 20 40 80 70 60

for (i=0 ; i < 6 ; i++)

for (j = 0 ; j < 6 ; j++)

brr[0] == arr[0]   i = 0, j = 0

20 == 30   false

i = 0, j = 1

brr[0] == arr[1]

20 == 20   true

1 == 0   false

i == 0   true

answer = ans + arr[0] * arr[1]

answer = 0 + 30 * 20

answer = 600

arr = 20 30 40 80 70 60   swap (arr, 0 , 1) arr = 30 20 40 80 70 60

continue

i = 1 , j = 1   brr = 20 30 80 40 60 70

                                 arr = 20 30 40 80 70 60

brr[1] == arr[1]

30 == 30   true

Break

1 == 1   true

Continue

i = 2 , j = 2

brr[2] == arr[2]

80 == 40   false

i = 2, j = 3

brr[2] == arr[3]

80 == 80   true

Break

3 == 2   false

2 == 0   false

answer = ans + 2 * Math.min(40,80) * 20 + Math.max(40,80) * 20

answer = 600 + (2 * 40 * 20) + (80 * 20)

answer = 600 + 1600 + 1600

answer = 3800

arr = 20 30 80 40 70 60   swap(arr, 2, 3)   arr = 20 30 40 80 70 60

i = 3 , j =3   brr = 20 30 80 40 60 70

                                   arr = 20 30 80 40 70 60

brr[3] == arr[3]

40 == 40   true

Break

3 == 3   true

Continue

i = 4, j = 4

brr[4] == arr[4]

60 == 70   false

i = 4, j = 5

brr[4] == arr[5]

60 == 60   true

Break

5 == 4   false

4 == 0   false

answer = ans + 2 * Math.min(70,60) * 20 + Math.max(70,60) * 20

answer = 3800 + (2 * 60 * 20) + (70 * 20)

answer = 3800 + 2400 + 1400

answer = 7600

arr = 20 30 80 40 60 70   swap(arr, 4, 5)   arr = 20 30 80 40 70 60

i = 5 , j =5   brr = 20 30 80 40 60 70

                                   arr = 20 30 80 40 60 70

brr[5] == arr[5]

70 == 70   true

Break

5 == 5   true

Continue

i = 6   condition false

answer = 7600