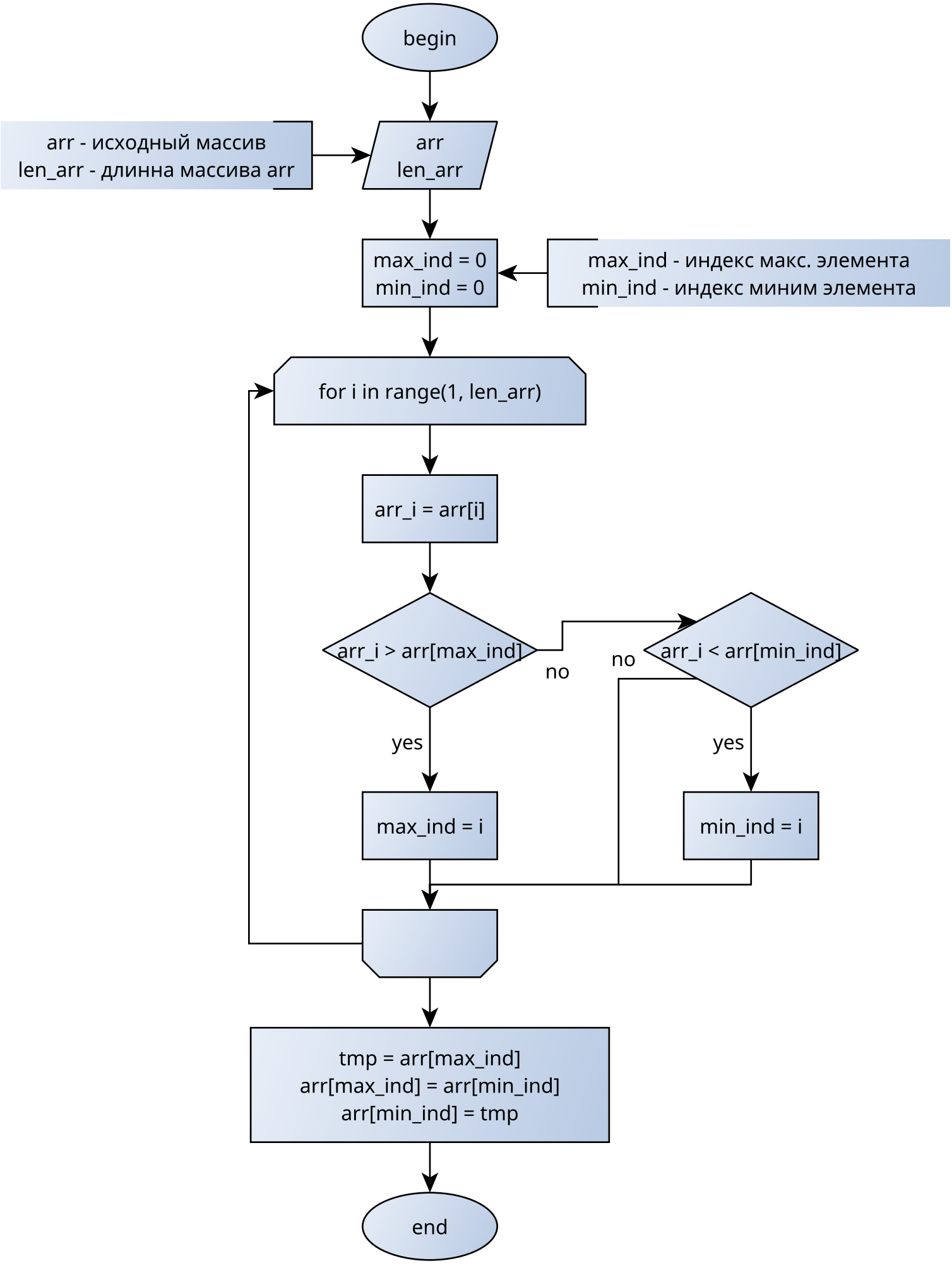
begin
arr - исходный массив
len_arr - длинна массива arr
arr
len_arr
max_ind = 0
min_ind = 0
max_ind - индекс макс. элемента
min_ind - индекс миним элемента
for i in range(1, len_arr)
arr_i = arr[i]
arr_i > arr[max_ind]
no
arr_i < arr[min_ind]
no
yes
yes
max_ind = i
min_ind = i
tmp = arr[max_ind]
arr[max_ind] = arr[min_ind]
arr[min_ind] = tmp
end