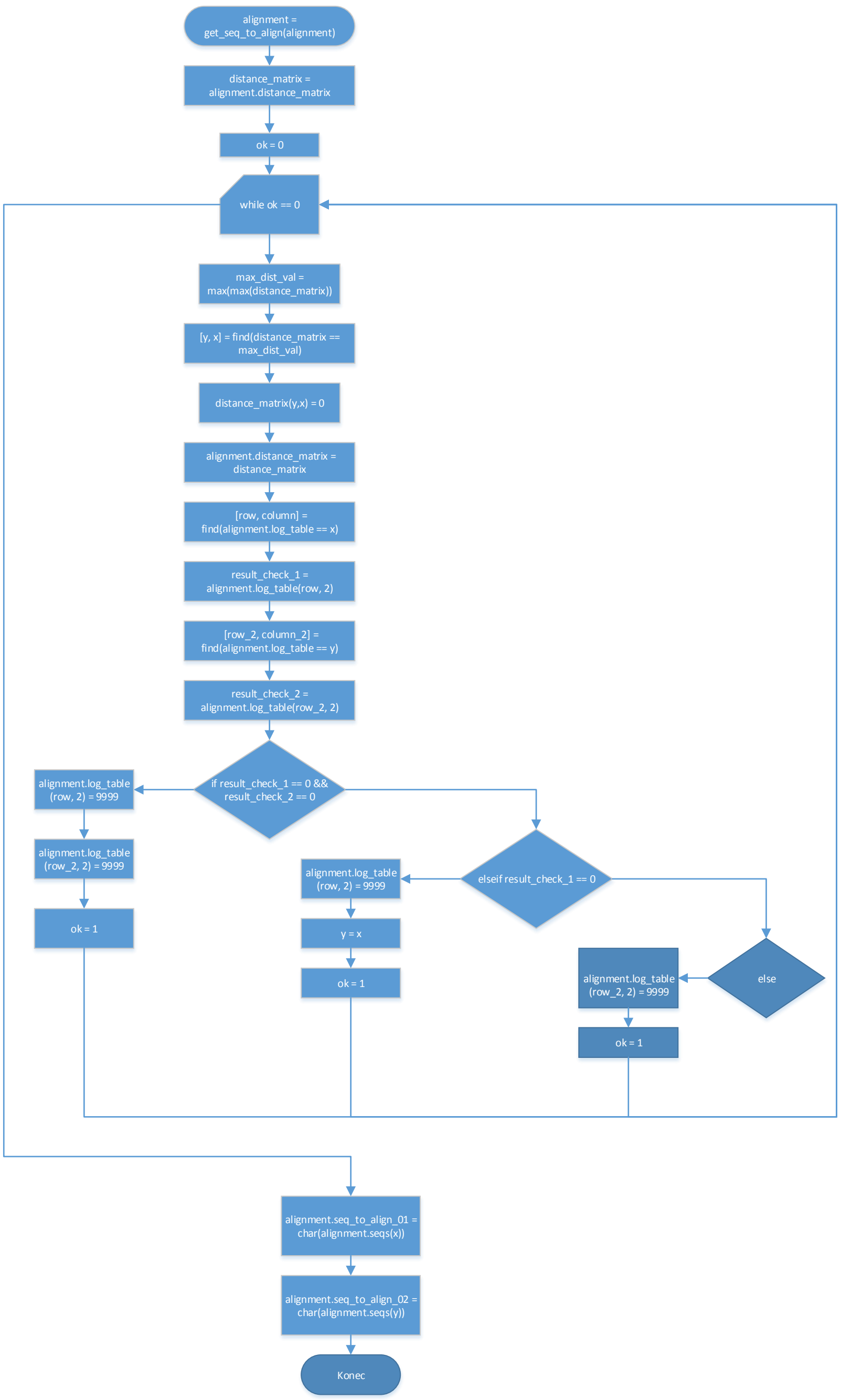
alignment = get_seq_to_align(alignment)
distance_matrix = alignment.distance_matrix
ok = 0
while ok == 0
max_dist_val = max(max(distance_matrix))
[y, x] = find(distance_matrix == max_dist_val)
distance_matrix(y,x) = 0
alignment.distance_matrix = distance_matrix
[row, column] = find(alignment.log_table == x)
result_check_1 = alignment.log_table(row, 2)
[row_2, column_2] = find(alignment.log_table == y)
result_check_2 = alignment.log_table(row_2, 2)
if result_check_1 == 0 && result_check_2 == 0
alignment.log_table (row, 2) = 9999
alignment.log_table (row_2, 2) = 9999
ok = 1
elseif result_check_1 == 0
alignment.log_table (row, 2) = 9999
y = x
ok = 1
else
alignment.log_table (row_2, 2) = 9999
ok = 1
alignment.seq_to_align_01 = char(alignment.seqs(x))
alignment.seq_to_align_02 = char(alignment.seqs(y))
Konec