

0	1	2	3	4	5	6
4	6	9	11	14	20	22

x [13]

j: array[j-1] < x

array

0	1	2	3	4	5	6	(7)
4	6	9	11	14	20	22	

n = 7

x [13]

init: i = n

while: if (array[i-1] > x)

array[i] = array[i-1];

else {

array[i] = x;

find

}

0	1	2	3	4	5	6	7
4	6	9	11	14	20	22	

1