2,27,16,22,18,6

2,6,16,22,18,27

2,6,16,18,22,27

n.(n-1)\2=n^2-n\2

2^x=n^2

x=logn^2

o(n^2)

avarage case 18

7,3,5,8,2,9,4,15,6

2,3,5,8,7,9,4,15,6

2,3,4,8,7,9,5,15,6

2,3,4,5,7,9,8,15,6

2,3,4,5,6,9,8,15,7

2,3,4,5,6,7,8,15,9

2,3,4,5,6,7,8,9,15