line([[X1,Y1],[X2,Y2]]).

line([[1,1],[2,2]]).

Polygon([[[1,1],[2,2]], [[2,2],[3,3]], [[3,3],[4,4]], [[4,4],[1,1]]])

combineTwoPolygons([[[1,1],[2,2]], [[2,2],[3,3]], [[3,3],[4,4]], [[4,4],[1,1]]], [[[1,1],[2,2]], [[2,2],[3,3]], [[3,3],[4,4]], [[4,4],[1,1]]]).

checkPolygonIntersection([[[1,1],[3,6]], [[3,6],[4,7]], [[4,7],[1,1]]], [[[5,2],[8,7]], [[8,7],[4,2]], [[4,2],[5,2]]]).

lineNotIntersect([[1,1],[3,6]],[[3,6],[4,7]]).

isConnected([[[1,1],[2,2]], [[2,2],[3,3]], [[3,3],[4,4]], [[4,4],[1,1]]])

lengthL([1,2,3,4,5,5,6,9],N), open('out.txt', write, Out), write(Out,N),close(Out).

findall(A,line(A),X).

findall(A,line(A),X),open('line.txt', write, Out), write(Out,A),close(Out).