Convex Hull: Gruham's scan, Algorithm Explained

Pseudocode:

P= number of Points

Coordinates [P+1] will be the array of Goordinates

find lowest y-coordinate and swap with PE1]

Use a for loop:

for z = 0 + 0?

Poring this loop we will use ? Keeps truck of $e \to e$ correct foint $e \to e$

This look will use freedow Point [(PEZ-17), current loint (PEZ-17), next loint (PEZ+17)]
use X to determine # of Points on Contex Hull.
if X is greater than 1, then X-= 1 to truste.

Swal BEXD with PEiD

Stacks By using P = Previous coordinate can check which coordnesses Current Coordinate Pass/fail n= next coord hate 1 (2,5) Example: (M) c (0.12) 1 (0,2) 7 P (0,1) A checks for current advacent 61×1->2 nei that * The graham's scan also scans right to left allording to closest X-condicte · Does culculations in finding the further x courdinate Unrelete Condodes 01(1.4) (2,0) (0,1) 0 (0,2) (3,4) (0,2) 15,17 P (-(0,1) (1,4)

(2.5)

(4,0)

(3,3)

(1,1)

(4,2)

1 (3,4) P (14) (34) n becomes n (4,0) C (SID P (2,4) c ((2,0) 1 (4,6)



