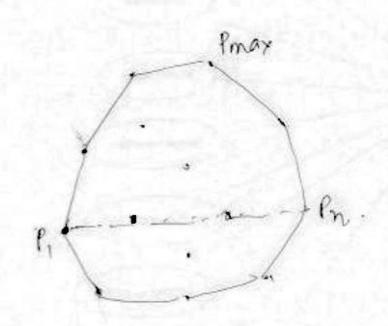
Conver-Hull

Convex hull is the smallest convex polygon that contain all the points in the plane

- Griven a set X of point P1(X1,Y1) ... Pn(Xor Yn) in plane we want to find convex hull.
- Divide and conquer algorithm take o (n logn) time to compute convex hull in clockwise order



Process to find conver hull

- 1. Portition X into half X, and X2 according a coordinator
- 2. If X1 is empty other upper hull is omply line with end point P, and Pn.
- 3. If X X is not empty the algorithm find Pmax in X, which is fathest from lines PI. Pn
- 4. If there stie in fmax then point the maximum angle CPmax P1 Pn con be sechduled.
- 5. Now Algo identities all point of that here left of line P. P. max goto step 1

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