hiven Two points. P, (n, ,y,) find where P2 lies when looking from OtoP, $P_2(\chi_2, y_2)$ 0(0,0) $\frac{y^2}{n^2}$ $\frac{y^1}{n}$ $1, y_2 - x_2 y_1 > 0$ $1 + y_2 - x_2 y_1 > 0$ => Promishty B 42 < 41 n2 21. 42 - x2 41 <0 => Pion left of P2

 $\frac{y^2}{n^2} = \frac{y'}{n}$ 0 (0,0) $y_1, y_2 - x_2y_1 = 0$ => P2 on line joining OP, Now, consider if we have 3 points. We have to tell where p3 lies wrt. P, P2 / · P3 we can shift P2 SP3
by Pi, so that Pi, be comes
Origin. and follow similar
analysis 1243-1342<0P2 on left of R_3