Mama: Eurfa Afin Mabiran MIM: 1905/897024 prodi : Dy Manafemen Informativa 2019 A Corafica Komputer. 1) Diretahui titir awai PCI, 1) dan titir archir di Q(10.10) dengan area Ciping xmin = 1, ymin = 1, Xmax : 7 y max = 7, Selesaikan masalah ini dengan Clipping Cohen-Sutherland! dawab: Garis P (1,1) *) 41 (xmin) L = 0 Karena 1 Vertex p: 0000 " 1 47 (xmax) = 0 Kareng 1 41 (4 min) 47 (4 Max) (10,10) Karena 10 > (Xaim) Vertex &: 0101 > 7 (X max) -10 Karena 10 > 1 (y min) : 1 (p, .. o) (: code 0000 AND 0101 = => Region 11 4 0 = 1 Atic potong = (xpi, your)

13 Conferme Water The Laws 2) Berdasarkan Soal no.1 lakukan Olipping menggunakan algoritma ling - Barsky dimano X = 1; Xr = 7, 76:1 dan yt = 7 Jawab: <=> dy: 91-9, *) dx = x2 - x, = 10-1 = 9 = 10-1 = 9 S G1 = X, - Xl P, = - dx (MO)/4) T= 1+1 = 0 (Q 2 = X1, -X, Pi: dx 7-1=6 = 9 4004 Q3 = P3: - dy = 1-1 = 0 = - 9 Q4: 90-9; P9: 99 7-1=6 0 :) (p, 20) 7, = max (0,0,0)=0 QI -9 :1 (p, >0) T2 = min (2/3, 2/3,1)= 73 3 Q2 = > *) 71 = 0 = 0 Q3 => r,'= x, + dx x 7, P3 = 1 19 x0 = 1 ay 91'= 9, t dy x 1, = 1 19 40 = 1 *) $72:\frac{2}{3}$ => (X,',y,') = 7 (1,1)X2' = X, + dx X /2 = 1 +9 x 2/3 = 7 = 200000 1000 gi = y, + dy x 1 = = 1 + 9 × 2/3 = 7 => (X2', y2') -> (7,7),