Nama : M. Fandz Du Putra

Min : 19051397047 : DQ MIB /19 Kelas

Hat tilk P= (1,1) 1. Viket 4 Mr Q = (10,10) x min = 1 x max = 7 7 min =1

> 4 Max = 7 Selisaikon Muualah ini dengan alipping cohen- suth arland.

Region Code Pa

1. Garis 解 DQ

Vertexs P (1,1)

x = xmin yalm (=) 0 -> karena x < xmax 701h 1 < 7 R = 0 -> kanena X = YMIN Yalk (=1 D = 0 -> Karena -> karena X < ymax yaim 1<7 Sehingga region code dan verteks por adalah 0000 Verteles Q (10,10)

x > xmin yah 1071 0 - |careig 18 = 0 -> learna 47 4 min 7014 1077 77 7 max yam 1077 - korna T = 1

dan vertex, a adalah comed 1010 Sehingga tigion code

Kayena salah sah vertics garts pa yay rigion codenza tidak 0000 (yaith brother a) , Maka gars PQ kernylanon bosifat portially visible (gains your homa fortinal sebagion) down pertu dipotony

Vanina Lila			losorten bit=1 dan tesion coo	*(
Region but	beopotenyen dengen	Dican		
lel	Xmin	TPI	(XMIN, YPI)	
k=1	xmu	102	(Xnan, YPI)	
D=1	YMIN	xp1	(xp1, ymin)	
SIDU TOI	YMAX	Xpz	(xp, ynux)	

Dagen Xp., XP2, YP1, don YP2 dihihang dengan personaan XP. = X, + 7 min - Y, XP. = X, + Ymux - Y, YP = Y + M x (xmin -x) YPz = y+ m x (xmin -x) * Title potony opens po <1,1) (10,10) $M = \frac{y_2 - y_1}{x_1 - x_1} = \frac{10 - 1}{10 - 1} = \frac{9}{9} = 1$ of Region Code 1010 until Verteks Q (10,10) T=1 -> kurena T=1 trailed your dicari adalah xpz XPz = X, + Ymux-yi = 10 + 7 - 10 = 10-3 = 7* make title potenting (xp2, 7 max) = >(7,7) R=1 -> Farena R=1 ruka yun dicari adalah xmax ypz >Pz=71+mx(xmax-xi) = 10+1 x < 7-107 maka thic potengina (xnax, yp.) - (7,7)

2. Dilat P = (1, 1) $\alpha l = 1$ $\gamma b = 1$ Q = (19,10) $\chi_r = 7$ $\gamma l = 7$ $D_r l : Algorithm Urang - Classey.$

> $dx = X_2 - x_1$ $d7 = Y_2 - Y_1$ = 10-1 = 10-1

 $P_1 = -dx$ $q_1 = x_1 - x_1$ $\Rightarrow q_1 / q_2 = 0 = 0$

 $P_2 = dx$ $q_2 = \chi_1 - \chi_1$ $q_2 / r = \frac{6}{9} = \frac{2}{3} x$

 $P_{2} = -\frac{dy}{-9} \qquad q_{1} = \frac{y_{1} - y_{6}}{-1} \qquad q_{2} = \frac{0}{-9} = 0$ $= 1 - 1 = 0 \qquad q_{3} = 0 = 0$

 $P_4 = dy$ $q_4 = 4l - 4l$ $q_4 = 6 = 2$ $q_4 = 7l - 4l$ $q_4 = 6 = 2$ $q_4 = 6$ $q_4 = 6$

untile (Pi <0) $T_1 = Max''(0,0,0) = 6$ untile (Pi <0) $T_2 = Min(2,2,1) = 2$

ti 2 Tz Perhitugan endpant banu

 $T_1=0$ $X(=X_1 + dx * t_1)$ $= 1 + (9 \times 0)$ = (+0=1) * $Y(=Y_1 + dy \times t_1)$ = (+0=1) * $(\times i, Y_1) = (1,i)$

 $T_2 = \frac{23}{5}$ $= 1+(9^2 \times \frac{2}{5})$ $= 1+6 = \frac{2}{5}$ $= 1+6 = \frac{2}{5}$ $= 1+6 = \frac{2}{5}$