(program Q.1 cm8 Hinclude < Styo-h Hindude Egraphics. his It mellide ¿ cono. h> Voord floodyph (Int xx, Yndy, Antold, ind newcol) Int current; Current= got prosel (n,y); If (current == ald) E dulay (5); purpled (my, newcal); fliodfill (not), y, eld, heuxel); Hardflu (n-1, y, rold, newell); eflowyp11 (n,y+1, old, newcol); youry ?!! (n,y-1, old, new al); flowelf 11 [n+1, y+1, old, new col); floodfill (n-1; y+1, old, newcal); floodfill (not 14-1, oknow col); ylerdys 11 (n+1, y-1, old, new (al);

Vold maln()

5 Purtyd = DETECT, gm;

1'nttegraph (& gd, & gm, "");

Vectangle (50,50,150,150);

Barrel

flowyp11 (70,70,0,15);
getehl);
Closegraph();

Algo

· Floodyill (n, y, new Cal, old)

SSEP1 - Py X ory is autside the screen, then return)

Step2: PJ Color cy cycepted (n,y) 95 Same as old.

Ssep 3- Recur for

flood 190 (n+1, y, new col, old) 1 flood for (n-1; y, new col, abl) 1 flood for (n, y+1, new col, abl) 1 flood for (n, y+1, new col, abl) 1 flood for (n, y+1, new col, abl) 1

Rand