Nome + Sawar Singh Depta ROLL NO + 1121128 Sec 7 B Sub - Computer Graphics

& au say

Ans 1+

Program # include estatio h> # include Egraphics ho # include comio h> Yad floodfill (intx, inty, intold, intrewal) int current; current = gelpicel (x,y); If (current == old) Jelay (5) putpixel (x, y, newcal) floodfill (x +1, yoold newcol) floodfill (x -1, y, old, newal) floodfill (DCD y+1 yold, neveral); floodfill (x, y-1, old, newcol); floodfill (xt1) y+1, old, newed); floodfill (x-1, y+1, old, newcol);

floodfill (Dit), y-1, old, newel). floodfill (x-1)41, dd, newcol) Vold main()

S

Initgd = DETE CT, 9m';

init graph € 89d, 89 m," ");

Vectorigh (50, 50, 150, 150);

Floatfill (70, 70, 0, 15);

get ch ();

Closigraph ();

3

Algo.

floodfill (x, y, newcol, old)

Step 2 - if x od y is outside the screen, then reducen?

Step 2 -> If Colo+ of getpixel (21,4) is same as old.

Step 3 - Ream for

floodfill (x+1, y, nwcd, old)
floodfill (x+1, y, nwcd, old)
floodfill (x+1, y, nwcol, old)
floodfill (x 59 +1) newcold, old)
floodfill (x, y-1, newcol, bld)

Some son

