END-TERM PRALTICAL EXAM

NAME - NIKITA BISHT FATHER'S NAME - LI. NARENDRA SINGH BISHT COURSE - BEA - 6B

UNIVERSITY ROLL NO - 1121093 CLASS ROLL NO - 13

SUBJECT - COMPUTER GRAPHIES AND ANIMATIONS (PRALTICAL)

SUBJECT CODE - PBC-602

University Roll No - 1121293 Name- Nikita Bisht Class Roll No- 13 Course - BCA-6B Pi: write an Algorithm and Program to inflement floodfill Algorithm using B connected. Approach. Algono Hum !-Step 1: Start step 21- witi alize the value of seed point (4,4,0ld, newcol), Steps: Define the boundary values. Step 4: - Check if - the werent seed point is of default color then repeat the steps 4 and 5 till the boundary pixel reached. of tourrent==old) Steps: Recurrinely following the below procedure. Procedure floodfill (x,y, fill color, old color; integer) if (getpixel (u,y) = old color)

Class Roll No- 1121093

setpixel (1, y , fill - color);

fill (1, y , fill - color , old - color);

fill (1, y+1 , fill - color , old - color);

fill (1, y-1 , fill - color , old - color);

3

Step 6: STOP

Program:

Include & stoleo. h>

include (graphics. h)

include 2 dos. w>

ivelude L conio. h7

void flood fell (intx, inty, intold girt neurol)

int current; current = getptxel (4.9); if (eurrent = = old)

putpixel (x,y, newcol);

putpixel (x,y, newcol);

putpixel (x+1, y, old, newcol);

putpixel (x,y+1, old, newcol);

putpixel (x,y+1, old, newcol);

putpixel (x+1,y+1, old, newcol);

putpixel (x-1,y+1, old, newcol);

putpixel (x-1,y+1, old, newcol);

putpixel (x+1,y+1, old, newcol);

putpixel (x+1,y+1, old, newcol);

putpixel (x+1,y+1, old, newcol);

roid main ()

Eivt gd = DETECT, gm;

initgraph (dgd, dgm)

rectangle (50,50,150,150);

flowdfill (70,7010,15);

getch ();

closegraph ();



Type here to search