Mame Abhishek Badoni (Computer Goaphics) Course- Bonisner -unisse-BCA'A' Sem 6 t kniversity rollmo- 1211216 1121002 TBC 602 Student ID 18211216 Date 16/06/2021 QIAMS=> DDA Afgorithm: Step1: Start Afgorithm Step2: Declare n, y, n21,21, 24, n, y as integer variables. Step 3 ) Enter value of ni, y, nz, y2. Stef 40 calculate In- n2-11 Step 5:> calculate 27= 72-71 Step 63 If ADS (dx)>ABS (dr) Them Step=abs (dx) Elpe Step7=) xinc=dn/step yinc = dy 1 Steb assign y= Y1 Stebo => set Pinel (n,y) Step9=) n= xtime y= y+ yinc Set Pinels (Roundln) Roundly)) Step103) Repeat step 9 until x = 212 Step 11=) end Afgorithm

# includes graphics.h> # include x conio. h7 # include LStdio.W Void mein () ( intgl = DETE CT, gm, 1; floot n, y, dn, dy, sters initgraph (801,69m,") imt 20, x1, y0, 41; Setbacolor(white); Xo=100, Yo=200, 11=500, Y1=300; dn=(float)(n1-n0); dy= (float) (y1-y0); if (dn7=dy) & Step= dn; 3 else { step=dy; dn=dnlSteps; dy = dylstepf; n=no; Y= 70; i=1; while(iz=stebs)

" " MAL ( ]. Putpinel (ny RED); getch(); ClosgraphU;

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(hase) adminglabs-pc:-$ gedit dda.c
(base) adminglabe-pc:-5 pcc dda.c -lgraph -o dda
die.c: in function 'mate'
die.c:36:16: mirac: request for member 'rem' in something mat a structure
putpixel(rou(x).rou(y),MED);
eds. C136:11 error: too few arguments to function 'petplast'
putpliel(rou(x),rou(y),RED):
In file included from dda, c: 2:0:
/usr/tecal/teclode/graphics.h: F2:6: mete: declared here
wold putpixel(int x, int y, int color);
(base) adminglabs-pc:-) gcc dda.c -lgraph -o dda
(base) adminglabs-pci-5 /66s
[xcb] Unknown sequence number while processing queue
[seb] Most likely this is a multi-threaded client and XimitThreads has n
100
[scb] Aborting, sorry about that.
dde: ../../src/scb to.c:274: poll for event: Assertion tech with thread
CONTRACTOR OF THE PERSON NAMED IN
    Overload dam
                     Detitled Document
```

(Gebe) edminalabs-pc:-5 touch dda.c

Name-Abhishek Badoni Collose - Hbhisher -Unisse - BCA 'A' Sema 11210 graphics University rollyo-1121002 ( JBC 602 2.3 Anys > Toaffic light Animation-# include Lgraphics. h> int main () (intgraph Cogl, som, "MULL"); /\* ROAD\*/ lime (0,200 get man al) 200), line (0,360 jetmann ()360), (\* Zebra coopping)\*) Setcolor (WHITE) dectangle (150, 210, 260, 230); Hood file (152, 220, WHITE); Jectangle (150,240,260,260); Hood fill (152,241, WHITE); rectantle (150, 270, 260, 290); flood fill (152, 271, WHITE); rectample (150,300,260,320); Plood Pill (152,301, WHITE); rectample (150,330,260,350), flood AID (162, 331, WHATE);

Date/16/06/2)

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1* Fraffic Light*/
Set color (WHITE);
dectangle (140,200,145,130),
Setcolor (RED)
Circle (142,82,6);
Floodfill (142, 100,67, D2, RED);
Sctcolor (yeurow);
 Circle (142,100,6);
 Floodfill (142,100, YELLOW);
  Setcolor (GOERN);
  Circle (142,110,6);
 floodfill (143, 110, GOEEN);
  Setecolor (WHITE);
   rectample (150,00,250,300);
   occtangle (250, 100 420, 300).
   Dectangle (180, 250, 220300);
   Lin (200,100,150,100);
    Lin (200,100, 250, 100).
    Lim (200,100,370,100);
    line (370,100,420,100);
     SC+Color (BROWN);
    floodfill (152, 102, WHITE).
   setcolos (LIGHTRED);
```

Floodfill (200, 105, WHITE);
floodfill (210, 105, WHITE);
Getch();
Closegraph ();
return o;
3

