```
Name
                      : Sanskutti Bindal
 Farney Name
                      : Sanjay kumar
  University ROUND
                       F611611:
                       : computerly raphics 4 Animation
 Subject
 Course
 Semistre
                      : 6
 Sec.
                       : B
 Pl: White an agouithm and program to implement froodfilled algorithm
     using & connected approach
  # include Lstdio h)
  # include Lguaphics h)
  #include cconio h>
   void prooffie (vit x shity, intold, int newcol)
     of int currents.
        current = getplace (x,y);
        if (current== old)
         of delay (5);
            putpixel (x, y, newcol);
            (laxun, block, 1+x) lipbool
            froodfill (xty od, old, revol);
          floodfill (x,y-1, old, newcol);
          icodfile (x+19 14+1, old, naucal)
          floodfill (x-1)y+1, old, newcas)
          gladfill (Y+1, y-1, old, newcat)
          Elasmer pro (1-h:1-x) mppoort
inter void main ()
    of undget - DE-1
        int gd = DETECTogmi
        initgraph (29d, 19m, ");
        motargle (50,50,150,150);
         poodfile (70,700) 15)
        gotch ();
      .closegraph();
```

Algouithm:

Hoodfie (x, y, ota con alcheolou, newcolou)

DIf x on y is outside the screen, then neturn.

2) If colour of getpixel (x, y) u' same as old colous than

3) Recur for.

floodfill (X, y, oldcolor, neuxolor)
floodfill (X+1) y, oldcolor, neuxolor)
floodfill (X-1) y, oldcolor, neuxolor)
floodfill (X) y-1, oldcolor, neuxolor)
floodfill (X+1, y+1, oldcolor, neuxolor)
floodfill (X-1) y+1, oldcolor, neuxolor)
floodfill (X+1, y-1) oldcolor, neuxolor)
floodfill (X+1), y-1) oldcolor, neuxolor)
floodfill (X-1) y-1, oldcolor, neuxolor)

Findal

