```
Now,
Void MidPointline (int 20, int 21, int y0, int y1, int colors)
3
  int dx = xd - x0, dy = y1 - y0;
  int dinit = 2* dy +dx;
  int de = 2 * dy;
   int ds= = 2 * dy + 2 * dx ;
   int x = x0, y= y0;
   WritePixel (x,y, colon);
   while (x<x1) of
          if (dinit >=0) {
                 dinit = dinit + dE ;
                  n+; }
           else
                  dinit = dinit + dsE ;
                   y--; }
           WritePixel (x, y, colon); }
```