```
Step1:Calculate positions of both endpoints
         of the line
5 Step2:Perform OR operation on both of these
      end-points
7 Step3:If the OR operation gives 0000
        Then
                  line is considered to be visible
        else
            Perform AND operation on both endpoints
       If And ≠ 0000
            then the line is invisible
          else
       And=0000
     Line is considered the clipped case.
17 Step4: If a line is clipped case, find an
  intersection with boundaries of the window
                  m = (y2 - y1)(x2 - x1)
20(a) If bit 1 is "1" line intersects with left
  boundary of rectangle window
                  y3=y1+m(x-X1)
                  where X = Xwmin
23
                  where Xwminis the minimum
24
                  value of X co-ordinate of window
25
26(b) If bit 2 is "1" line intersect with right
                   boundary
                  y3=y1+m(X-X1)
                  where X = Xwmax
                  where X more is maximum value of X
                  co-ordinate of the window
32(c) If bit 3 is "1" line intersects with bottom
                  boundary
                  X3=X1+(y-y1)/m
                        where y = ywmin
                  ywmin is the minimum value of Y
                  co-ordinate of the window
38(d) If bit 4 is "1" line intersects with the top
                  boundary
                  X3=X1+(y-y1)/m
                        where y = ywmax
41
                  ywmax is the maximum value of Y
42
                  co-ordinate of the window
```