Paint suspaces Gack to front manner Dainter's Algorithm ( Depth Suring method) Space method for visible Surface detection. Dring By alcoln is also called depth son algorithm or printy fix algorithm.
The painter algorithm simulates how a painter typically produces his/herpainting by starting with the background and then progressively additing her ( weaver) obsects to the canvas thus, each layer of paint covers up the previous layer. > Similary, we first sort curfaces according to their distance from the View plane. The intensity value of the farthest object Surface are then entered into the refresh buffer. Taking each succeeding Surface in turn ( in decreasing depth order), we paint the Surface Intensities onto the framebuffer wer the intensities of the previously processed Surfaces. > The Conceptual Steps that are performed in depth- sort algorithm are Sost all polygons according to the smallest (farthest) 2 Co-continute of each, decreasing depth or largest value of 2 Now, Scanning to convert the various surfaces which is in the order Starting with the surface which has greatest depth Campany is to be done on the basis of various everlapping Surfaces so that the user will determine which surface is to be Kept Visible To the refresh buffer, enter the intensity value for the determined surface he the surface which is determined to be The above process is going to be repeat for all the aviilable Surfaces.

Tone of the major problem in this argorithm is interseeting prorygon Surfaces as shown in below figure. Different polygons may have same depth.

The major polygon could also be furthest.

We cannot ture simple depth-sosting algorithm to remove the holden surfaces in the images. Soupins Der Intersecting polygons, we can split one polygon into two or more polygon which can then he painted from tack to front this needs more time to compute Intersection between polygons. So, it becames computer algorithm for such surface enistence.