Flood fill	Boundary fill	Edge fill	Fence fill	Scan line fill
Needs Seed point to start	Needs Seed point to start	Based on complimenting the pixels	Based on complimenting the pixels	Based on line drawing, polygon is filled
Current pixels color is compared with new pixel color	Current pixels color is compared with new pixel color and boundary color	Pixels which are on right side of an edge are getting complemented	Pixels which are on right side of an edge and to the left of fence as well as left side of edge and right side of fence are getting complemented	Intersection of polygon edges are found with the scan lines and then the solid lines are drawn between two such intersection points.
Useful for polygons having single color boundary	Useful for polygons having multi color boundary	More number of pixels are unnecessarily accessed	Less number of pixels are accessed as compared to Edge fill	Need separate attention to handle concave polygons