***(RCA-551) Computer Graphics & Animation***

***ASSIGNMENT***

## *Aim:* Write an algorithm to perform Point- Clipping.

**Point Clipping Algorithm:**

1. Get the minimum and maximum coordinates of both viewing pane.
2. Get the coordinates for a point.
3. Check whether given input lies between minimum and maximum coordinate of viewing pane.
4. If yes display the point which lies inside the region otherwise discard it.

 For this following conditions are checked.

1. x ≤ xmax
2. x ≥ xmin
3. y ≤ ymax
4. y ≥ ymin