

Name - Shriyansh Rauthan Roll No - 1121138

Q1

floodfill algorithm -

Step 1 - Start

Step 2 - If  $x$  or  $y$  is outside the screen, then return.

Step 3 - If color of  $\text{getpixel}(x, y)$  is same as oldcolor, then Recur for top, bottom, right & left

Step 4 -  $\text{floodfill}(x, y, \text{newcolor}, \text{oldcolor})$  // syntax

Step 5 - ~~stop~~ End.