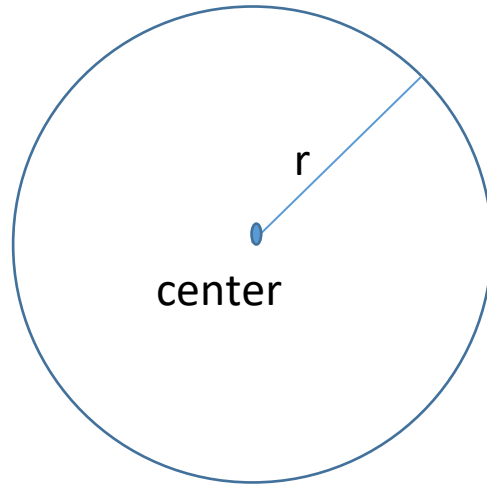


Computer Graphics Lab - 3

IMIT-3105 (IPG MBA)

Q1. Create a display window of resolution of 512x512 on your computer screen. On that display window, draw the following circle:

- using points (a) $r=1$, $\text{center}=(0,0)$
(b) $r=50$, $\text{center}=(20,20)$
- using line loop



Q2. Draw the following using the DDA line algorithm

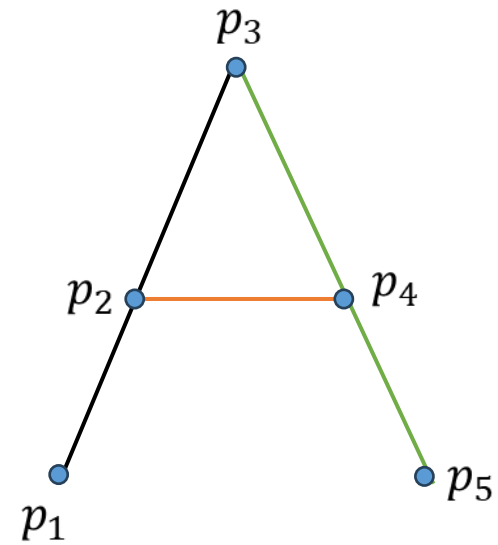


Fig. 2a

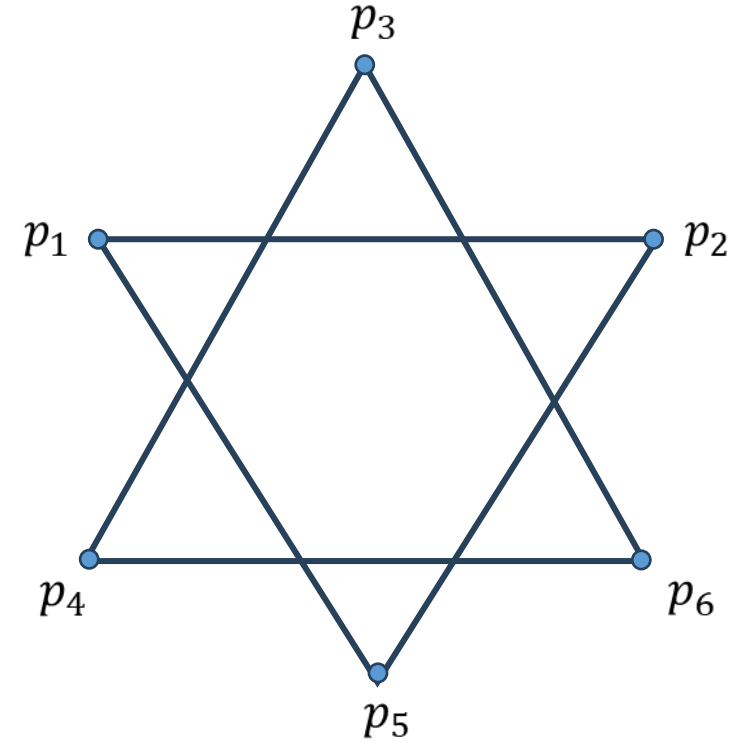


Fig. 2b

Q3. Draw a line using Bresenham's line algorithm, following line segments and note down the time taken by each of the algorithms.

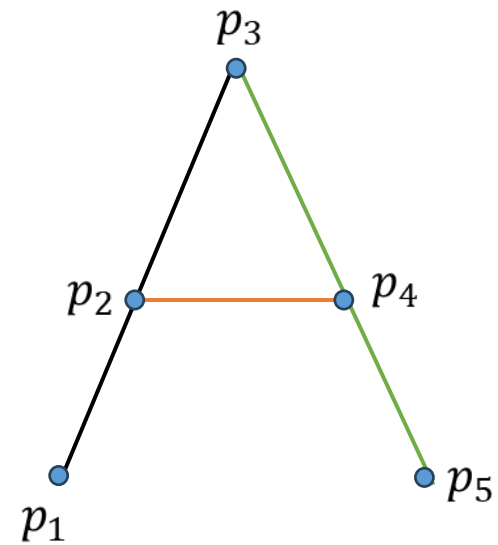


Fig. 2a

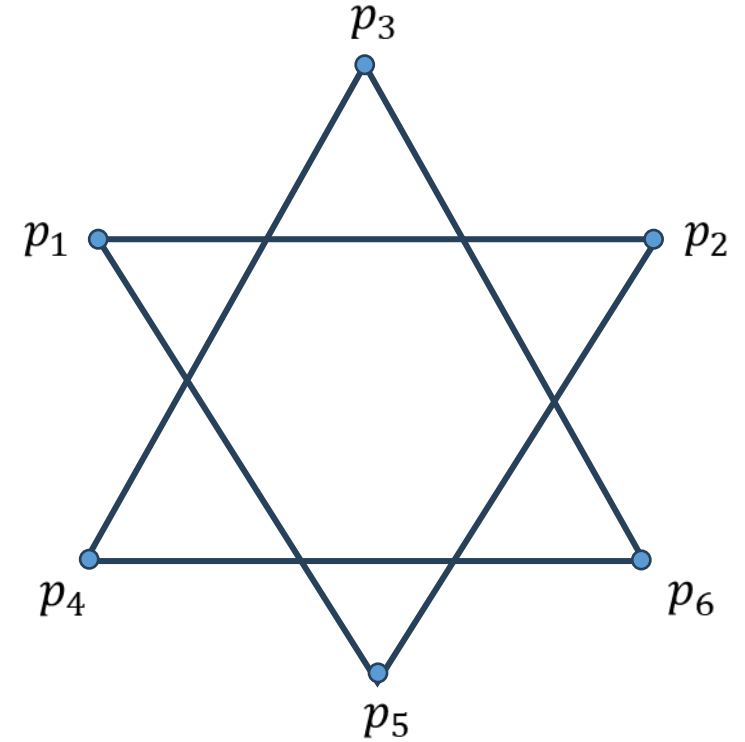


Fig. 2b

Q4. Draw a circle using Bresenham's circle algorithm and two concentric circles (Practise Homework)

