

JIS College of Engineering
B. Tech (Information Technology)-5th Semester
Computer Graphics Assignment for Laboratory

Paper Code: IT-595C

Assignment ID: **Soham/OSem/2015/IT595C/0003**

Write good Algorithm and programs in Turbo C using BGI to:



I am: _____

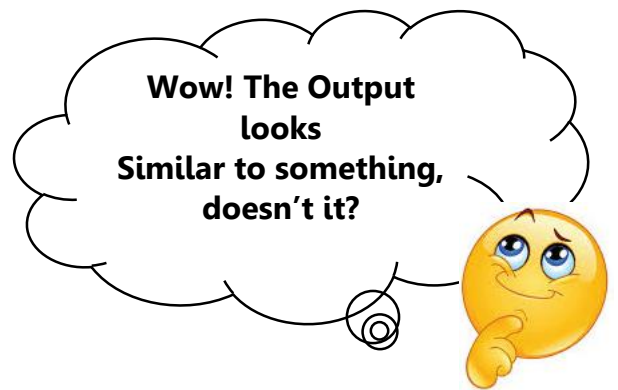
Roll: _____ Date: _____

My Full Signature: _____

1. Draw a circle having its center at (300,300) and radius=70px. Each octant of the circle should be drawn with different colors. Apply the following transformations in sequence:

a. $T_1 = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 100 & 80 & 1 \end{bmatrix}$

b. $T_2 = \begin{bmatrix} 0.5 & 0.867 & 0 \\ -0.867 & 0.5 & 0 \\ 0 & 0 & 1 \end{bmatrix}$



2. Change sequence of the Transformations in [1] and compare if output remains same.

What Did I Learn in this Lab Session (only topics)?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.