



Daffodil
International
University

Project Report 1

Title: Creating a static web page using HTML CSS

COURSE NAME: COMPUTER GRAPHICS LAB
COURSE CODE: CSE432

Submitted To

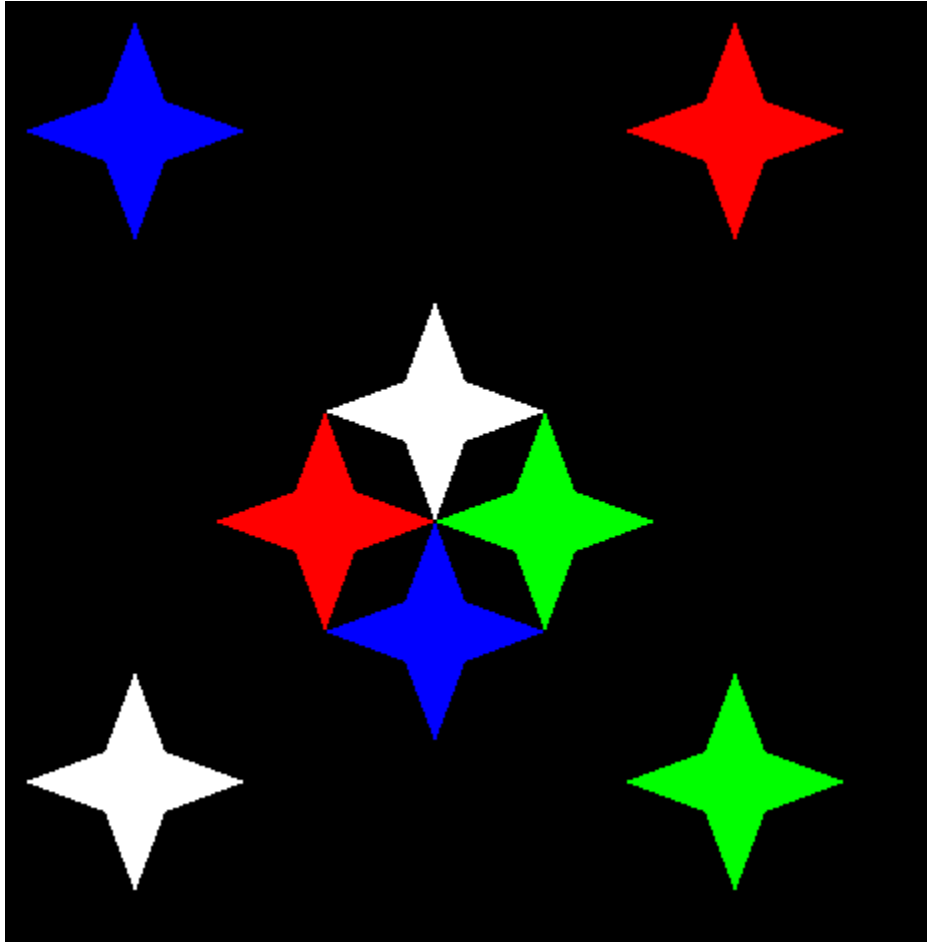
Tapasy Tabeya
Senior Lecturer
Dept. of CSE, DIU.

Submitted By

Name: Arnob Dey
ID: 203-15-3906

Submitted on 12 Aug 2023

Screenshots:



Code:

```
#include <windows.h>
#include <GL/glut.h>
#include <stdio.h>
#include <GL/gl.h>

void init(void)
{
    glClearColor(0.0,0.0,0.0,0.0);

    glMatrixMode(GL_PROJECTION);

    glLoadIdentity();

    glOrtho(0.0, 100.0, 0.0, 100.0, -1.0, 1.0);
```

```
}

void DrawStar(float x, float y, float a, float b, float c)
{
    glColor3f(a, b, c);
    glBegin(GL_POLYGON);
    glVertex2i(x + 3, y + 12);
    glVertex2i(x + 6, y + 4);
    glVertex2i(x + 9, y + 12);
    glVertex2i(x + 17, y + 15);
    glVertex2i(x + 9, y + 18);
    glVertex2i(x + 6, y + 26);
    glVertex2i(x + 3, y + 18);
    glVertex2i(x - 5, y + 15);
    glEnd();
}

void Draw()
{
    glClear(GL_COLOR_BUFFER_BIT);
    DrawStar(40, 42, 1, 1, 1);
    DrawStar(29, 31, 1, 0, 0);
    DrawStar(51, 31, 0, 1, 0);
    DrawStar(40, 20, 0, 0, 1);
    DrawStar(10, 5, 1, 1, 1);
    DrawStar(10, 70, 0, 0, 1);
    DrawStar(70, 70, 1, 0, 0);
    DrawStar(70, 5, 0, 1, 0);
}
```

```
    glutSwapBuffers();  
}  
  
int main(int argc, char **argv) {  
  
    glutInit(&argc, argv);  
    glutInitDisplayMode ( GLUT_RGB | GLUT_DOUBLE );  
    glutInitWindowPosition(0,0);  
    glutInitWindowSize(500,500);  
    glutCreateWindow("Arnob Dey 203-15-3906");  
    init();  
    glutDisplayFunc(Draw);  
    glutMainLoop();  
    return 0;  
}
```