

/\*

**Title: -** Write OpenGL Program to draw Sunrise and Sun Set.

**Roll No:-**

**Class:-SE Computer**

**Sub:-OOPL & CGL**

**Date:-**

\*\*\*\*\*/

### **Program-**

```
#include<graphics.h>
int main()
{
    int gd = DETECT, gm;

    initgraph(&gd, &gm, NULL);

    int midx, midy, r=10;

    midx=getmaxx()/2;
    while(r<=50)
    {
        cleardevice();
        setcolor(WHITE);
        line(0,310,160,150);
        line(160,150,320,310);
        line(320,310,480,150);
        line(480,150,640,310);

        line(0,310,640,310);
        arc(midx,310,225,133,r);

        floodfill(midx,300,15);
        if(r>20)
        {

            setcolor(7);
            floodfill(2,2,15);
            setcolor(6);
            floodfill(150,250,15);
            floodfill(550,250,15);
            setcolor(2);
            floodfill(2,450,15);
        }
    }
}
```

```
delay(50);  
r+=2;  
}  
getch();  
closegraph();  
}
```

**/\*Output:-**