# Practical no : 13

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

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**Class:-**AIDS

**Sub:-**OOPL & CGL

# Input:

#include<iostream> #include<graphics.h> using namespace std; int main()

{

cout<<"SATTYAM SAGAR CHAVAN 73 AI&DS"<<endl;

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:

