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Course - BCA   Section - A

University Roll No - 1121004   Semester - 6

Subject - Computer Graphics [PEC-602]

Question - Write a program to design Traffic light Animation?

Sol :-

```c
#include <stdio.h>
#include <graphics.h>
int main()
{
        int gd = DETECT, gm;
        initgraph(&gd, &gm, " ");
        line(0, 200, getmaxx(), 200);
        line(0, 360, getmaxx(), 360);
        setcolor(WHITE);
        rectangle(150, 210, 260, 230);
        Floodfill(152, 220, WHITE);
        rectangle(150, 241, 260, 260);
        floodfill(152, 241, WHITE);
        rectangle(150, 270, 260, 290);
        Floodfill(152, 271, WHITE);
        rectangle(150, 300, 260, 320);
        floodfill(152, 301, WHITE);
        rectangle(150, 330, 260, 350);
        Floodfill(152, 331, WHITE);
        setcolor(WHITE);
        rectangle(140, 200, 145, 130);
        rectangle(130, 130, 155, 70);
        setcolor(RED);
        circle(142, 82, 6);
        Floodfill(142, 82, RED);
        setcolor(YELLOW);
        circle(142, 100, 6);
        Floodfill(142, 100, YELLOW);
        setcolor(GREEN);
        circle(142, 118, 6);
        Floodfill(143, 118, GREEN);
        setcolor(WHITE);
        getch();
        closegraph();
        return 0;
```

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