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A3) Traffic Light

Source Code

```
#include <graphics.h>
int main()
{
```

```
    int gd=DETECT, gm;
    initgraph(&gd, &gm, "NULL");
    line(0, 200, getmaxx(), 200);
    line(0, 360, getmaxx(), 360);
    setcolor(WHITE);
    rectangle(150, 210, 260, 230);
loodfill(152, 240, 260, 260);
    floodfill(152, 220, WHITE);
    rectangle(150, 240, 260, 260);
    floodfill(152, 241, WHITE);
    rectangle(150, 270, 260, 290);
    floodfill(152, 271, WHITE);
    rectangle(150, 300, 260, 320);
    floodfill(152, 301, WHITE);
    setcolor(WHITE);
    rectangle(140, 200, 145, 130);
    rectangle(130, 130, 155, 170);
```

Auto

```

setcolor(RED);
circle(142, 82, 6);
fill(142, 82, RED);
setcolor(YELLOW);
circle(142, 100, 6);
fill(142, 100, YELLOW);
setcolor(GREEN);
circle(142, 118, 6);
fill(143, 118, GREEN);
setcolor(WHITE);
rectangle(150, 180, 250, 300);
rectangle(250, 180, 420, 300);
rectangle(180, 250, 220, 300);
line(200, 100, 150, 80);
line(200, 100, 250, 80);
line(200, 100, 370, 100);
line(370, 100, 420, 180);
setcolor(BROWN);
fill(152, 182, WHITE);
fill(252, 182, WHITE);
setcolor(LIGHTRED);
fill(200, 105, WHITE);
fill(210, 105, WHITE);
getch();
closegraph();
return 0;
}

```

Amos