

```
1 int main() {
2     float A = 0, B = 0;
3     float i, j;
4     int k;
5     float z[1760];
6     char b[1760];
7     printf("\x1b[2J");
8     for(;;) {
9         memset(b,32,1760);
10        memset(z,0,7040);
11        for(j=0; j < 6.28; j += 0.07) {
12            for(i=0; i < 6.28; i += 0.02) {
13                float c = sin(i);
14                float d = cos(j);
15                float e = sin(A);
16                float f = sin(j);
17                float g = cos(A);
18                float h = d + 2;
19                float D = 1 / (c * h * e + f * g + 5);
20                float l = cos(i);
21                float m = cos(B);
22                float n = sin(B);
23                float t = c * h * g - f * e;
24                int x = 40 + 30 * D * (l * h * m - t * n);
25                int y = 12 + 15 * D * (l * h * n + t * m);
26                int o = x + 80 * y;
27                int N = 8 * ((f * e - c * d * g) * m - c * d * e - f * g - l * d * n);
28                if(22 > y && y > 0 && x > 0 && 80 > x && D > z[o]) {
29                    z[o] = D;
30                    b[o] = ".,-~:;=!*#$@"[N > 0 ? N : 0];
31                }
32            }
33        }
34        printf("\x1b[H");
35        for(k = 0; k < 1761; k++) {
36            putchar(k % 80 ? b[k] : 10);
37            A += 0.00004;
38            B += 0.00002;
39        }
40        usleep(30000);
41    }
42    return 0;
43 }
```