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Write C++/Java program to simulate any one of or similar scene-

 Clock with pendulum

 National Flag hoisting

 Vehicle/boat locomotion

 Water drop falling into the water and generated waves after impact

 Kaleidoscope views generation (at least 3 colorful patterns)

----------------------------------------------------------------------#include<stdio.h>

#include<iostream>

#include<stdlib.h>

#include<graphics.h>

using namespace std;

int main()

{

int gd=DETECT,gm,i;

initgraph(&gd,&gm,"");

line(600,10,400,100);

delay(2000);

setcolor(RED);

for(i=0;i<100;i=i++)

{

line(50,260,150,260);

setcolor(i%20);

line(100+i,100,200+i,100);

line(100+i,100,80+i,150);

line(80+i,150,50+i,150);

line(50+i,150,50+i,200);

line(50+i,200,250+i,200);

line(250+i,200,250+i,150);

line(250+i,150,225+i,150);

line(225+i,150,200+i,100);

circle(100+i,230,30);

circle(200+i,230,30);

line(190+i,110,215+i,150);// window right

line(190+i,110,150+i,110);

line(150+i,110,150+i,150);

line(150+i,150,215+i,150);

line(140+i,110,100+i,110);// window left

line(100+i,110,90+i,150);

line(90+i,150,140+i,150);

line(140+i,150,140+i,110);

delay(20);

cleardevice();

}

int y=100;

for(i=0;i<100;i++)

{

line(50,260,150,260);

setcolor(i%20);

line(100+y,100+i,200+y,100+i);

line(100+y,100+i,80+y,150+i);

line(80+y,150+i,50+y,150+i);

line(50+y,150+i,50+y,200+i);

line(50+y,200+i,250+y,200+i);

line(250+y,200+i,250+y,150+i);

line(250+y,150+i,225+y,150+i);

line(225+y,150+i,200+y,100+i);

circle(100+y,230+i,30);

circle(200+y,230+i,30);

line(190+y,110+i,215+y,150+i);// window right

line(190+y,110+i,150+y,110+i);

line(150+y,110+i,150+y,150+i);

line(150+y,150+i,215+y,150+i);

line(140+y,110+i,100+y,110+i);// window left

line(100+y,110+i,90+y,150+i);

line(90+y,150+i,140+y,150+i);

line(140+y,150+i,140+y,110+i);

delay(30);

cleardevice();

}

i=150;

for(y=110;y<200;y++)

{

line(50,260,150,260);

setcolor(y%20);

line(100+y,100+i,200+y,100+i);

line(100+y,100+i,80+y,150+i);

line(80+y,150+i,50+y,150+i);

line(50+y,150+i,50+y,200+i);

line(50+y,200+i,250+y,200+i);

line(250+y,200+i,250+y,150+i);

line(250+y,150+i,225+y,150+i);

line(225+y,150+i,200+y,100+i);

circle(100+y,230+i,30);

circle(200+y,230+i,30);

line(190+y,110+i,215+y,150+i);// window right

line(190+y,110+i,150+y,110+i);

line(150+y,110+i,150+y,150+i);

line(150+y,150+i,215+y,150+i);

line(140+y,110+i,100+y,110+i);// window left

line(100+y,110+i,90+y,150+i);

line(90+y,150+i,140+y,150+i);

line(140+y,150+i,140+y,110+i);

delay(30);

cleardevice();

}

delay(1000);

closegraph();

return(0);

}