function setup(){

}

function draw(){

flower(100,100,100,'blue');

flower(100,300,100,'red');

}

function flower(x,y,r,c){

save();

translate(x,y);

scale(r/200);

for(d=180; d>0; d=d-20){

rotate(5);

for (a=0; a<360; a=a+20){

save();

rotate(a);

circle(d,0,15\*d/200);

fillcolor(c);

fill();

restore();

circle(0,0,15);

fillcolor('purple');

fill();

}

}

restore();

}

function setup(){

}

function draw(){

var x;

for(x=40; x<width;x=x+80)

for (y=40;y<height;y=y+65){

flower(x,y,35,'red');

flower(119,105,35,'blue');

}

}