

```
size(640,640);  
background(0);  
float s = 1.2;  
fill(116, 193, 206, 160);  
smooth();  
ellipse(150, 150, 198, 198);  
scale(s);  
ellipse(150, 150, 198, 198);  
scale(s);  
ellipse(150, 150, 198, 198);  
scale(s);  
ellipse(150, 150, 198, 198);  
scale(s);  
ellipse(150, 150, 198, 198);  
scale(s);  
ellipse(150, 150, 198, 198);  
scale(s);  
ellipse(150, 150, 198, 198);  
scale(s);  
saveFrame();
```

---

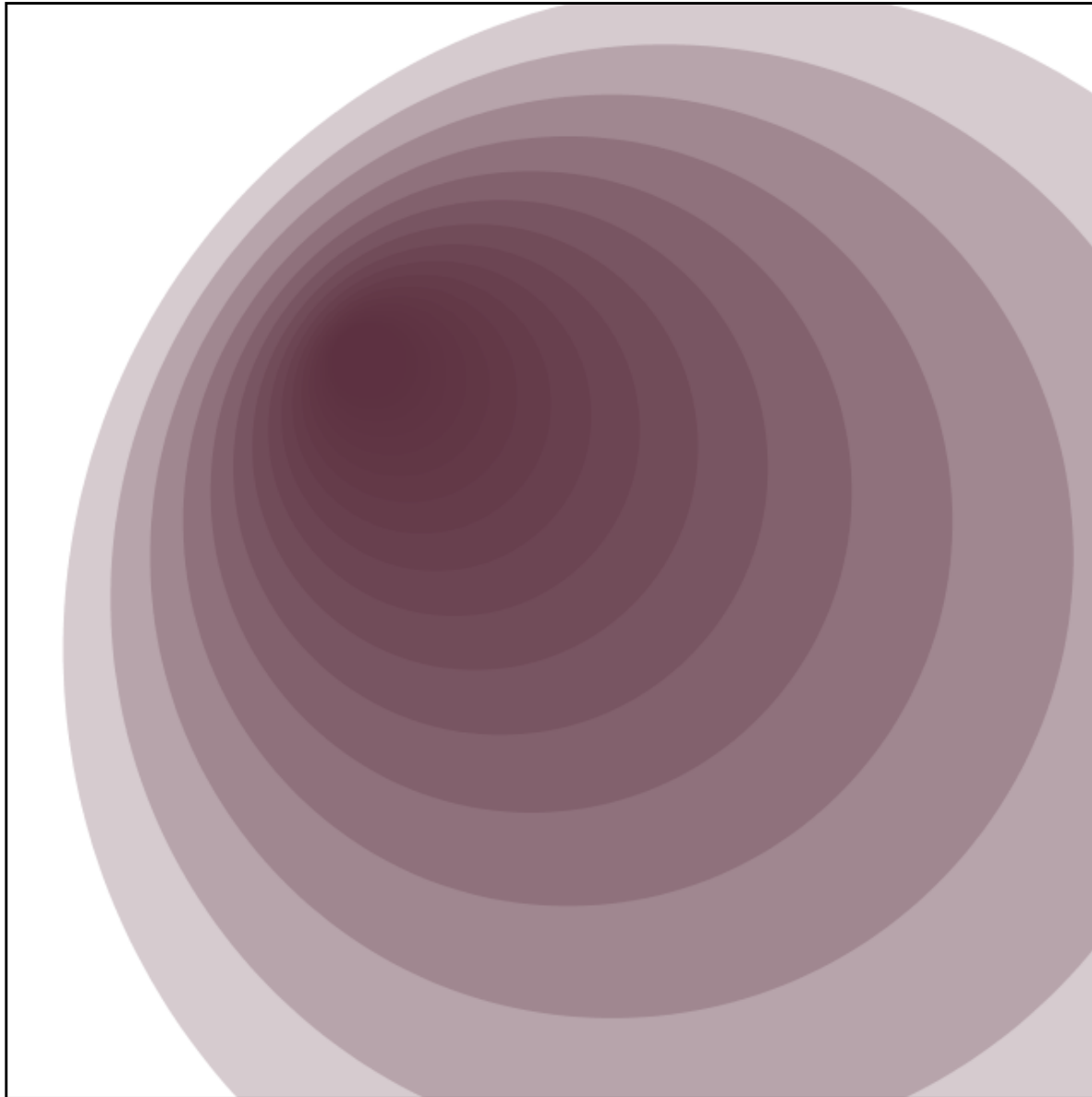
主題: 漸變01\_圓形大小

參考程式碼: 17-14

姓名: 林育均

學號: 4A41C066

班級: 產設一甲(B)



```
size(640,640);  
background(255);  
smooth();  
noStroke();  
fill(90, 47, 64, 64);  
translate(200, 200); //  
Set initial offset  
for (int i = 0; i < 17; i++) { // 12  
  repetitions  
  scale(1.2); //  
  Accumulate the scaling  
  ellipse(10, 8, 35, 35);  
}saveFrame();
```

---

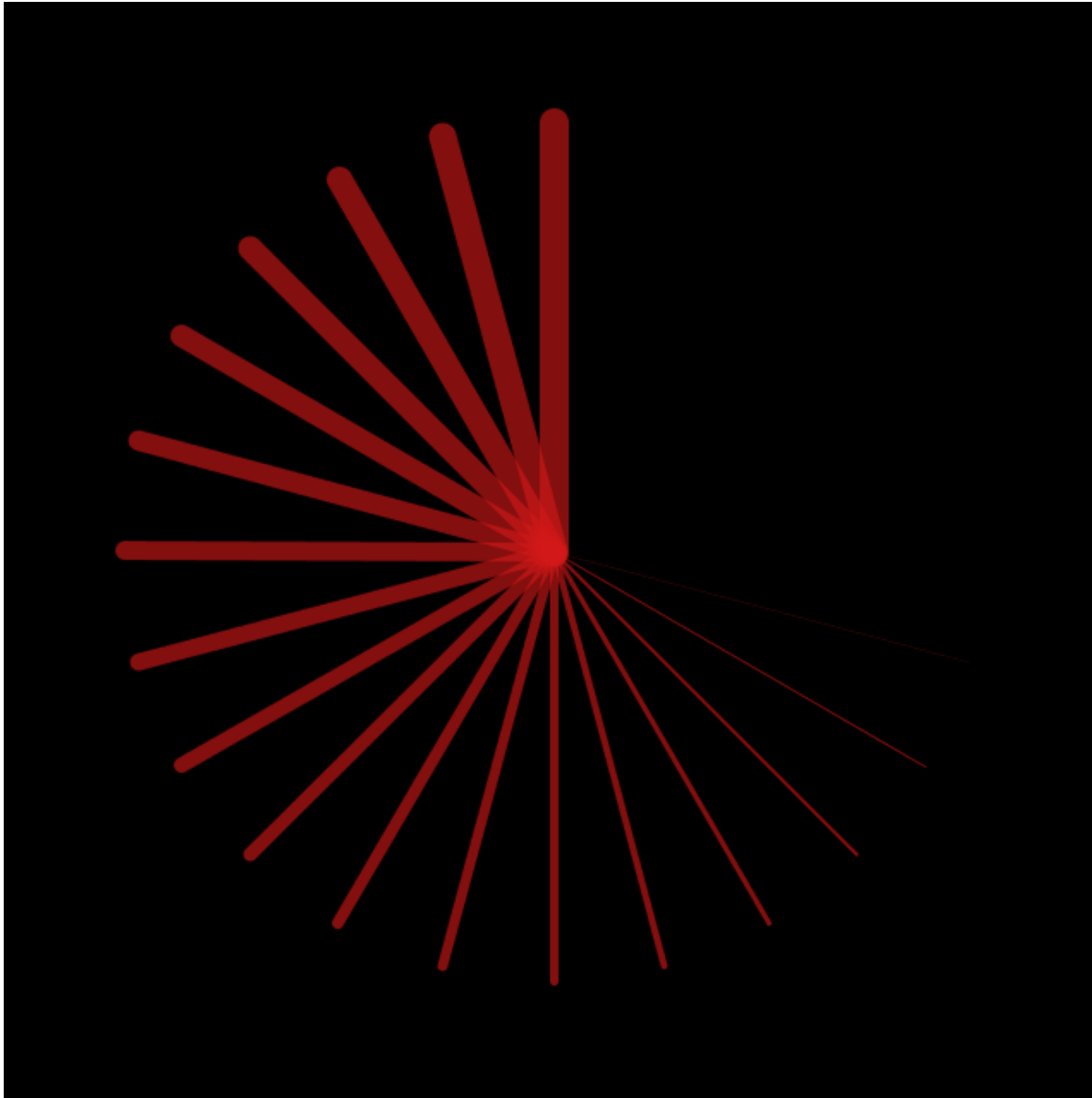
主題: 漸變02\_圓形顏色

參考程式碼: 17-14

姓名: 林育均

學號: 4A41C066

班級: 產設一甲(B)



```
size(640,640);  
background(0);  
smooth();  
stroke(211, 24, 24, 160);  
translate(320, 320); //  
Set initial offset  
for (int i = 0; i < 18; i++) { // 18  
  repetitions  
  strokeWeight(i); //  
  Increase stroke weight  
  rotate(PI/12); //  
  Accumulate the rotation  
  line(0, 0, 250, 0);  
}saveFrame();
```

---

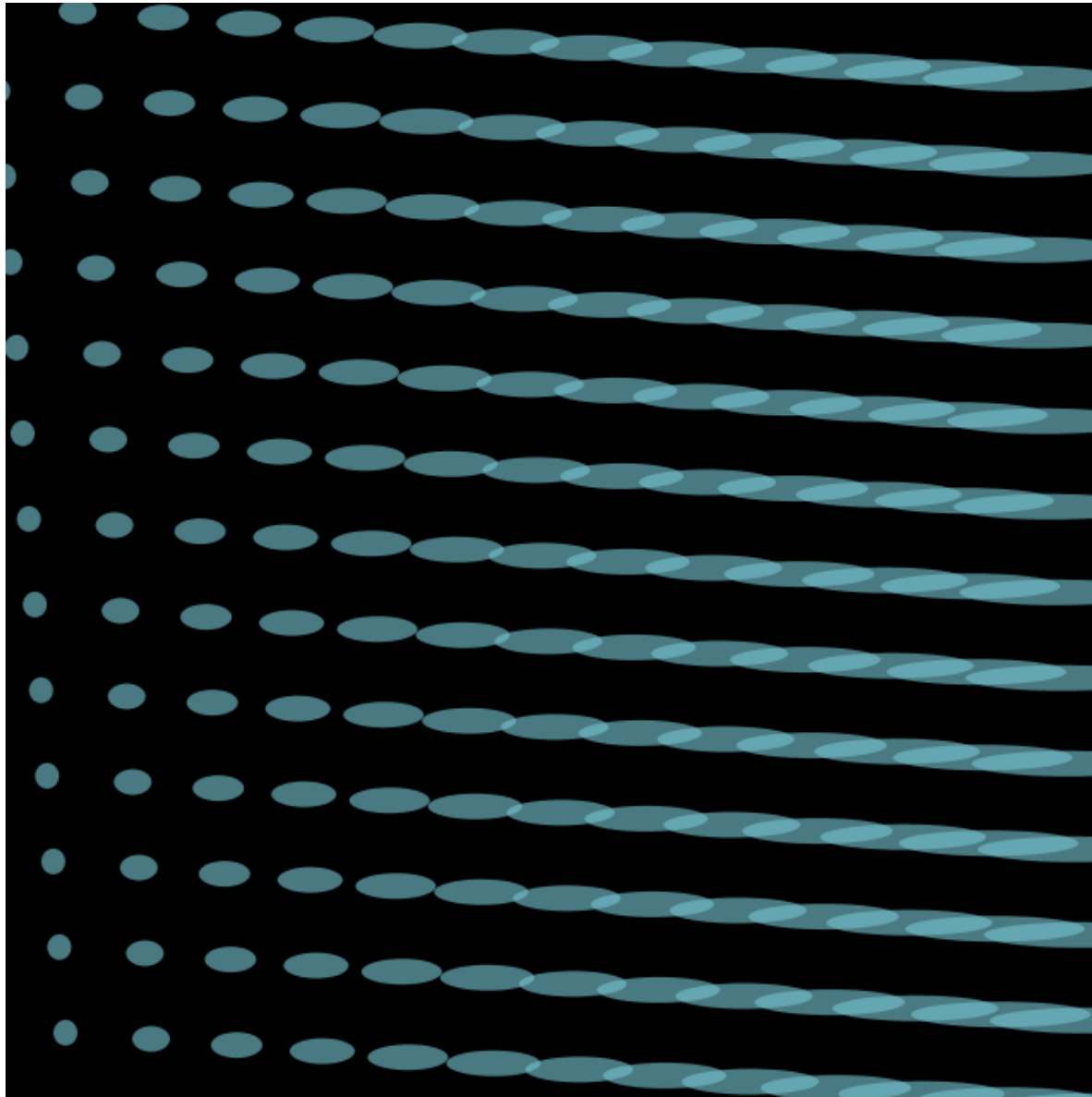
主題: 漸變03\_線寬

參考程式碼: 17-13

姓名: 林育均

學號: 4A41C066

班級: 產設一甲(B)



```
size(640,640);  
background(0);  
fill(116, 193, 206, 160);  
noStroke();  
smooth();  
for (int y = 2; y <= 640; y += 50)  
{  
  for (int x = -8; x <=640; x +=  
  50) {  
    ellipse(x + y/14.0, y + x/14.0,  
    15 + x/6, 15);  
  }saveFrame();  
}
```

---

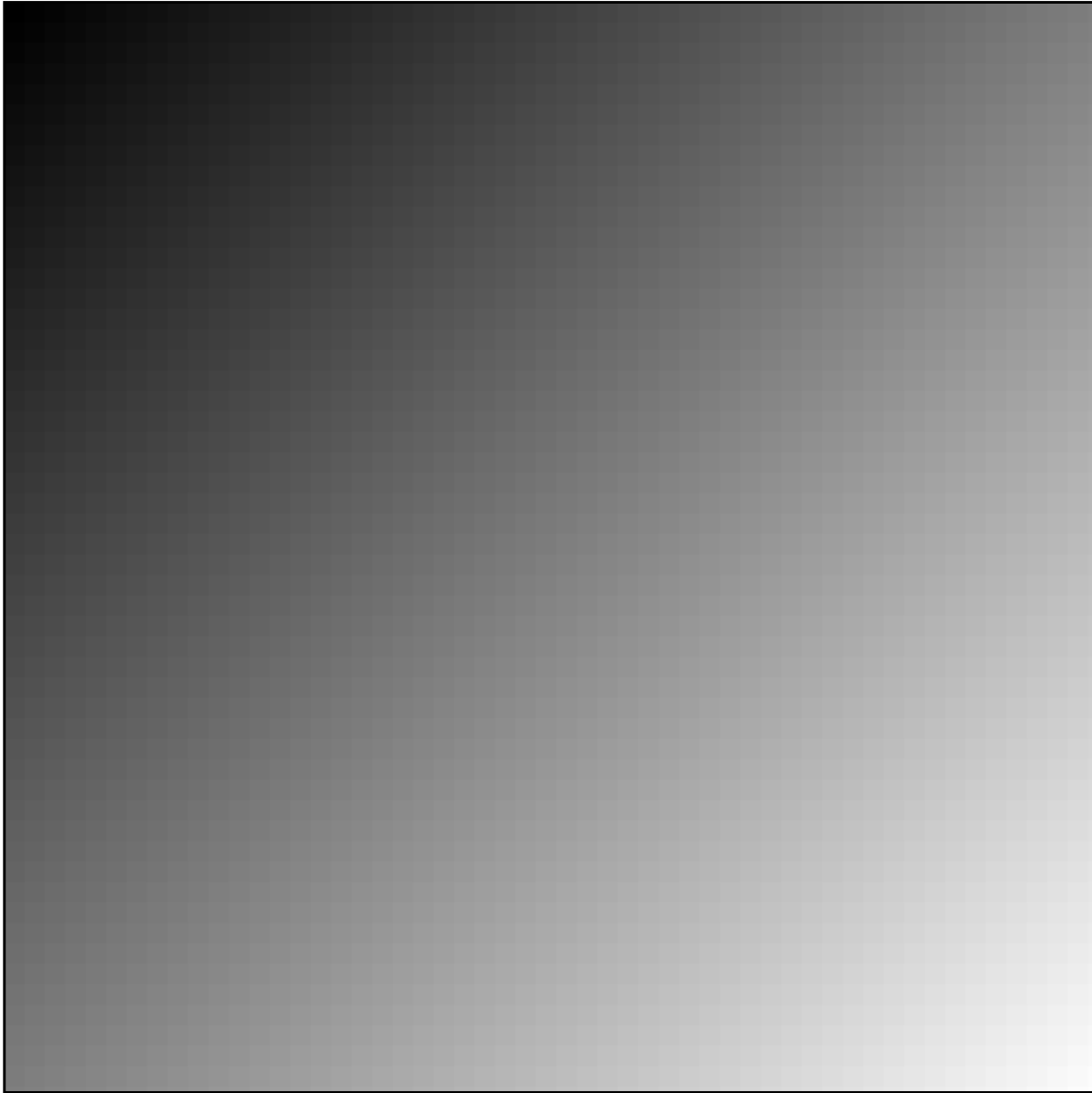
主題: 漸變04\_橢圓大小

參考程式碼: 6-08

姓名: 林育均

學號: 4A41C066

班級: 產設一甲(B)



```
size(640, 640);  
noStroke();  
for (int y = 0; y < 640; y += 12)  
{  
  for (int x = 0; x < 640; x += 12) {  
    fill((x+y) * 0.2);  
    rect(x, y, 12, 12);  
  }saveFrame();  
}
```

---

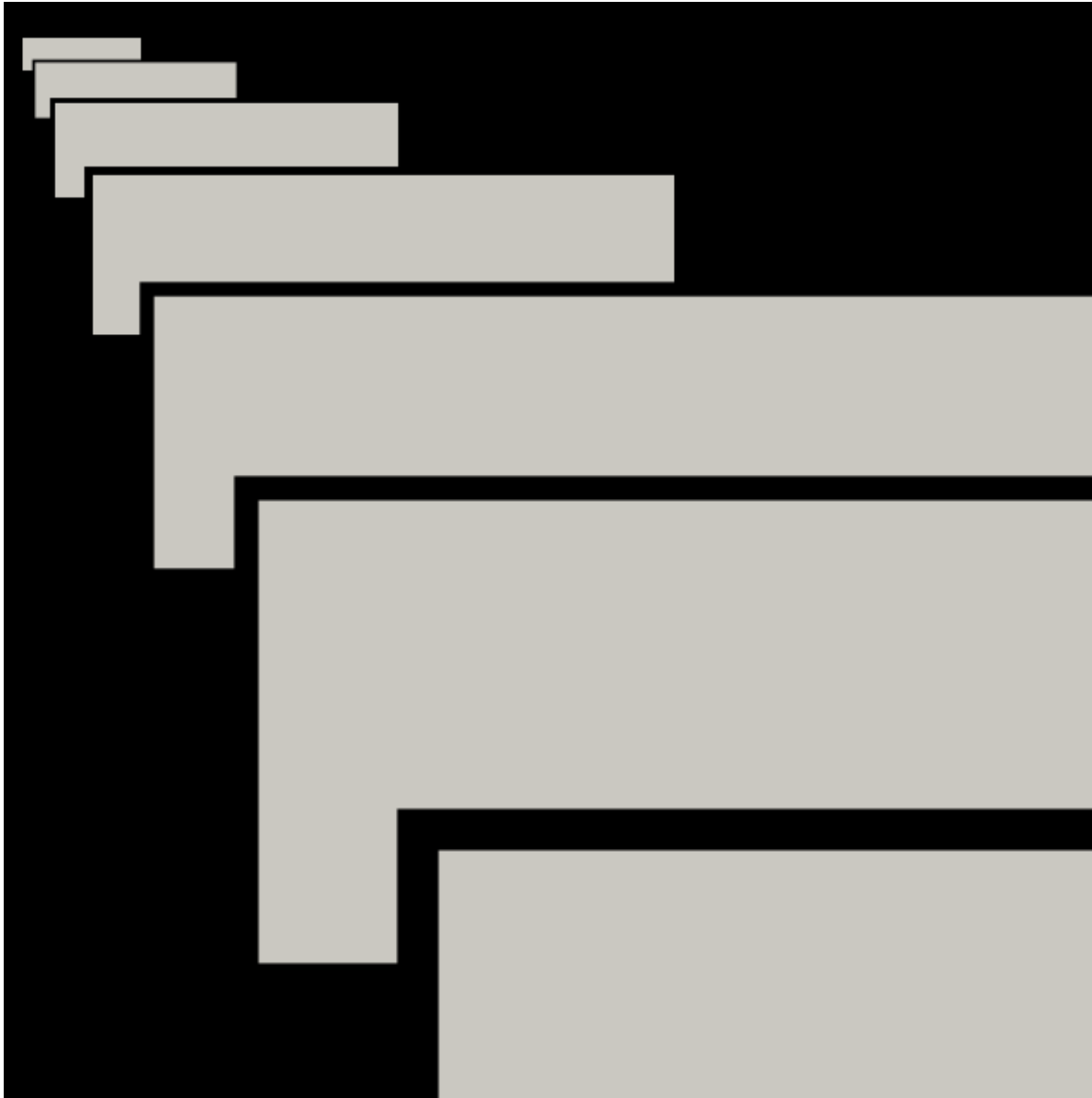
主題: 漸變05\_方塊顏色

參考程式碼: 6-09

姓名: 林育均

學號: 4A41C066

班級: 產設一甲(B)



```
size(640,640);  
background(0);  
fill(202, 200, 193 );  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
scale(1.7);  
rect(10, 20, 70, 20);  
saveFrame();
```

---

主題: 漸變06\_長方形大小

參考程式碼: 17-06

姓名: 林育均

學號: 4A41C066

班級: 產設一甲(B)