DIGITAL BRIDGE

Leçon 7 exercices

Exemples de modifications du code

Code 1.

```
// Example 4-3: Varying variables

// Declare and initialize two integer variables at the top of the code.
int circleX = 0;
int circleY = 100;

void setup() {
  size(480, 270);
}

void draw() {
  background(255);
  stroke(0);
  fill(175);
  // Use the variables to specify the location of an ellipse.
  ellipse(circleX, circleY, 50, 50);

  // An assignment operation that increments the value of circleX by 1.
  circleX = circleX + 1;
  if (circleX > 430)
    {circleX = 0;}
}
```

Code 2.

```
int x = 25;
int y = 25;

void setup() {
  size(480, 270);
}

void draw() {
  background(255);
  stroke(0);
  fill(175);
  // Use the variables to specify the location of an ellipse.

if (y < 220)
```

```
    {
      y += 1;
    }
else {y = 25;x += 30;}

fill(y,255-y,y);

if(x > 455)
    {
     x=25;
    }

    rect(x, y, 50, 50);
}
```