

```
1 package juego;
2
3 import java.awt.Color;
4
5
6
7
8
9
10 public class Items {
11     private double x;
12     private double y;
13     private double bx;
14     private double by;
15     private double ancho;
16     private double alto;
17     private double giro;
18     private Image imagenRoca;
19     private Color color;
20     private Image imagenBanana;
21
22     public Items() {
23         this.x = 2000;
24         this.y = 400;
25         this.bx = 3000;
26         this.by = 400;
27         this.ancho = 50;
28         this.alto = 50;
29         this.giro = 0;
30         this.imagenRoca = Herramientas.cargarImagen("rocas.png");
31         this.imagenBanana = Herramientas.cargarImagen("banana.png");
32     }
33
34
35     public void crearPiedra() {
36         Random random = new Random();
37         int rand = random.nextInt(300, 450);
38         this.x = 2000;
39         this.y = rand;
40     }
41
42     public void crearBananas() {
43         Random random = new Random();
44         int rand = random.nextInt(300, 450);
45         this.bx = 3000;
46         this.by = rand;
47     }
48
49     public boolean saleDePantallaP() {
50         //si la instancia x es menor a -100 retorna true
51         if (this.x < -100) {
52             return true;
53         } else {
54             return false;
55         }
56     }
57
58     public boolean saleDePantallaB() {
59         // si la instancia bx es menor a -100 retorna true
60         if (this.bx < -100) {
61             return true;
62         } else {
63             return false;
64         }
65     }
66
67     public void dibujarBananas(Entorno e) {
68         e.dibujarImagen(imagenBanana, bx, by, giro, .1);
69         this.giro += 0.03;
70     }
71
72     public void dibujarPiedras(Entorno e) {
73         e.dibujarImagen(imagenRoca, x, y, giro, .4);
74         this.giro += 0.03;
75     } //dibujarPiedras
76
77
78
79
80
81
82     public void desplazarP() {
83         this.x -= 3;
84     }
85
86     public void desplazarB() {
87         this.bx -= 3;
88     }
89
90
91
92     public double getX() {
```

```
83         return x;
84     }
85
86     public double getY() {
87         return y;
88     }
89
90     public double getAncho() {
91         return ancho;
92     }
93
94     public double getAlto() {
95         return alto;
96     }
97
98     public double getBx() {
99         return bx;
100    }
101
102    public double getBy() {
103        return by;
104    }
105
106
107 }
```