```
 1: //
 2: //  PizzaioloViewController.h
 3: //  Pizzaiolo
 4: //
 5: //  Created by Gabriel Parriaux on 12.11.12.
 6: //  Copyright (c) 2012 gymo. All rights reserved.
 7: //
 8:
 9: #import <UIKit/UIKit.h>
10:
11: @interface PizzaioloViewController : UIViewController
12:
13:     // notre modele peut prendre des valeurs entre 0 et 30
14: @property (nonatomic) int aimeLaCroute;
15:
16: @end
```

```objc
1: //
2: //  PizzaioloViewController.m
3: //  Pizzaiolo
4: //
5: //  Created by Gabriel Parriaux on 12.11.12.
6: //  Copyright (c) 2012 gymo. All rights reserved.
7: //

9: #import "PizzaioloViewController.h"
10: #import "PizzaView.h"

12: @interface PizzaioloViewController () <PizzaViewDataSource>

14: @property (nonatomic, weak) IBOutlet PizzaView *pizzaView;

16: @end

18: @implementation PizzaioloViewController

20: @synthesize aimeLaCroute = _aimeLaCroute;
21: @synthesize pizzaView = _pizzaView;

23: - (void)setAimeLaCroute:(int)aimeLaCroute
24: {
25:     _aimeLaCroute = aimeLaCroute;
26:     [self.pizzaView setNeedsDisplay];
27: }

29: - (void)setPizzaView:(PizzaView *)pizzaView
30: {
31:     _pizzaView = pizzaView;
32:     self.pizzaView.dataSource = self;
33:     [self.pizzaView addGestureRecognizer:[[UIPanGestureRecognizer alloc] initWithTarget:self
    action:@selector(gererPizzaViewGesture:)]];
34: }

36: - (float)quantiteDeCroutePourPizzaView:(PizzaView *)sender
37: {
38:     return self.aimeLaCroute / 100.0;
39: }

41: - (void)gererPizzaViewGesture:(UIPanGestureRecognizer *)gesture
42: {
43:     if ((gesture.state == UIGestureRecognizerStateChanged || gesture.state ==
    UIGestureRecognizerStateEnded)) {
44:         CGPoint translation = [gesture translationInView:self.pizzaView];
45:         self.aimeLaCroute += translation.x / 3;
46:         [gesture setTranslation:CGPointZero inView:self.pizzaView];
47:     }
48: }

50: @end
```

```objectivec
 1: //
 2: //  PizzaView.h
 3: //  Pizzaiolo
 4: //
 5: //  Created by Gabriel Parriaux on 13.11.12.
 6: //  Copyright (c) 2012 gymo. All rights reserved.
 7: //
 8:
 9: #import <UIKit/UIKit.h>
10:
11: @protocol PizzaViewDataSource;
12:
13: @interface PizzaView : UIView
14:
15: @property (nonatomic, weak) IBOutlet id <PizzaViewDataSource> dataSource;
16:
17: @end
18:
19: @protocol PizzaViewDataSource
20:
21: - (float)quantiteDeCroutePourPizzaView:(PizzaView *)sender;
22:
23: @end
```

```objc
1: //
2: //  PizzaView.m
3: //  Pizzaiolo
4: //
5: //  Created by Gabriel Parriaux on 13.11.12.
6: //  Copyright (c) 2012 gymo. All rights reserved.
7: //
8:
9: #import "PizzaView.h"
10:
11: @implementation PizzaView
12:
13: - (id)initWithFrame:(CGRect)frame
14: {
15:     self = [super initWithFrame:frame];
16:     if (self) {
17:         // Initialization code
18:     }
19:     return self;
20: }
21:
22: #define DEFAULT_SCALE 0.90
23:
24: - (void)drawRect:(CGRect)rect
25: {
26:     CGContextRef context = UIGraphicsGetCurrentContext();
27:
28:     CGPoint midPoint;
29:     midPoint.x = self.bounds.origin.x + self.bounds.size.width/2;
30:     midPoint.y = self.bounds.origin.y + self.bounds.size.height/2;
31:
32:     CGContextSetLineWidth(context, 5);
33:     [[UIColor redColor] setStroke];
34:     [[UIColor redColor] setFill];
35:
36:         // dessiner le cercle extérieur
37:     CGContextBeginPath(context);
38:
39:     CGFloat size = self.bounds.size.width /2;
40:     size *= DEFAULT_SCALE;
41:     CGContextAddArc(context, midPoint.x, midPoint.y, size, 0, 2*M_PI, YES);
42:     CGContextStrokePath(context);
43:
44:
45:         // dessiner le cercle intérieur
46:
47:     CGContextBeginPath(context);
48:
49:     float proportionDeCroute = [self.dataSource quantiteDeCroutePourPizzaView:self];
50:     if (proportionDeCroute < 0) proportionDeCroute = 0;
51:     if (proportionDeCroute > 0.3) proportionDeCroute = 0.3;
52:     size *= (1-proportionDeCroute);
53:
54:     CGContextAddArc(context, midPoint.x, midPoint.y, size, 0, 2*M_PI, YES);
55:     CGContextFillPath(context);
56:
57: }
58:
59:
60: @end
```