```csharp
1  using SplashKitSDK;
2  using System.ComponentModel;
3
4  namespace DrawingClass
5  {
6      public class Drawing
7      {
8          private readonly List<Shape> _shapes;
9          private Color _background;
10
11         public Drawing() : this (Color.White)
12         {
13
14         }
15
16         public Drawing(Color background)
17         {
18             _shapes = new List<Shape>();
19             _background = background;
20         }
21
22         public List<Shape> SelectedShapes
23         {
24             get
25             {
26                 List<Shape> _selectedShapes = new List<Shape>();
27                 foreach (Shape s in _shapes)
28                 {
29                     if(s.Selected)
30                     {
31                         _selectedShapes.Add(s);
32                     }
33                 }
34                 return _selectedShapes;
35             }
36         }
37
38         public int ShapeCount
39         {
40             get
41             {
42                 return _shapes.Count;
43             }
44         }
45
46         public Color BackGround
47         {
48             get
49             {
```

```
50              return _background;
51          }
52          set
53          {
54              _background = value;
55          }
56      }
57
58      public void Draw()
59      {
60          SplashKit.ClearScreen(_background);
61          for(int i=0; i<ShapeCount; i++)
62          {
63              _shapes[i].Draw();
64          }
65      }
66
67      public void SelectShapeAt(Point2D pt)
68      {
69          foreach (Shape s in _shapes)
70          {
71              if(s.IsAt(pt))
72              {
73                  s.Selected = true;
74              }
75              else
76              {
77                  s.Selected = false;
78              }
79          }
80      }
81
82      public void AddShape(Shape s)
83      {
84          _shapes.Add(s);
85      }
86
87      public void RemoveShape(Shape s)
88      {
89          _ = _shapes.Remove(s);
90      }
91  }
92 }
93
```