

```
1 package Controller;
2
3 import java.util.ArrayList;
4
5 public abstract class Entrance extends MapObject {
6
7     private ArrayList<Integer> coordIn = new
        ArrayList<Integer>();
8
9     private ArrayList<Integer> coordOut = new
        ArrayList<Integer>();
10
11     private double degreeOut;
12
13     public Entrance(int x1, int y1, int x2, int y2
        , int x3, int y3, double degree){
14         super(); //ensures that id is added
15         this.coordIn.add(x1); this.coordIn.add(y1
        ); this.coordIn.add(x2); this.coordIn.add(y2); //
        starting points
16         this.coordOut.add(x3); this.coordOut.add(y3
        ); //exit point
17         this.degreeOut = degree;
18
19         super.coords = new ArrayList<Integer>(
        coordIn);
20         super.coords.addAll(this.coordOut); //this
        allows to retrieve all coords at once with
        getCoords from MapObject
21     }
22
23
24 }
25
```