

```
1 package src;
2
3 import java.io.File;
4 import java.io.IOException;
5 import java.util.Scanner;
6
7 public class ProjectMain {
8     static int floor;
9
10    public static void main(String[] args) throws
        IOException {
11        // create an array and fill it with employee
        objects
12        People[] employees = new People[50];
13        // read in all the employees from file
14        File fileObj = new File("C:\\Users\\cbcha\\
        Downloads\\employees.txt");
15        Scanner scanObj = new Scanner(fileObj);
16        // create entries into array from the file
17        for (int i = 0; i < 50; i++) {
18            if (scanObj.hasNextLine()) {
19                String data = scanObj.nextLine();
20                int idTest;
21                int depTest;
22                String nameTest;
23
24                String idString = data.substring(0, 3
25                );
26                String depString = data.substring(
27                data.length() - 1, data.length());
28
29                idTest = Integer.parseInt(idString);
30                depTest = Integer.parseInt(depString
31                );
32                nameTest = data.substring(3, data.
33                length() - 1);
34
35                People entry = new People(idTest,
36                depTest, nameTest);
37                employees[i] = entry;
38            }
39        }
40    }
```

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34     }
35     // get which employee is waiting next in the
    queue
36     Scanner keyboard = new Scanner(System.in);
37     System.out.println("Please scan your ID
    number: ");
38     int scan = keyboard.nextInt();
39     for (int i = 0; i < 50; i++){
40         if (scan == employees[i].getIDnum()){
41             System.out.println("This VERIFIED
    employee is going to floor "+ employees[i].
    getFloorNum());
42             floor = employees[i].getFloorNum();
43         }
44     }
45     // now that we have the employee prompt him
    for his destination
46     System.out.println("Please verify your
    department floor: ");
47     int verify = keyboard.nextInt();
48     if (verify == floor){
49         Elevator ride = new Elevator(floor);
50         if(ride.getCurrCapacity() < 6){
51             System.out.println(ride);
52         }
53     }
54
55
56 }
57
58
59 }
60
61
62
63
```