

```
1 package com.company;
2
3 public class Tracker {
4     // Instance fields
5     String day;
6     double invoiceNum;
7     double invoiceComplete;
8     // We use double, so we can calc a percentage.
9     Dividing an int by an int, rounds down.
10
11     // Constructor method
12     public Tracker(String day, double invoiceNum,
13 double invoiceComplete) {
14         this.day = day;
15         this.invoiceNum = invoiceNum;
16         this.invoiceComplete = invoiceComplete;
17     }
18     //this. enables you to set the instance variable
19     in the main to the local variable in the constructor.
20
21     //1st Method
22     public void targetCheck(){
23         final double dailyTarget = 20;
24         if (invoiceNum > dailyTarget){
25             System.out.println("Today (" + day + ")
26 you have surpassed the daily target of: " +
27 dailyTarget + " invoices.");
28         } else if (invoiceNum < dailyTarget) {
29             System.out.println("Today (" + day + ")
30 you did not meet the daily target of: " + dailyTarget
31 + " invoices.");
32         } else {
33             System.out.println("Today (" + day + ")
34 you met the daily target of: " + dailyTarget + "
35 invoices.");
36         }
37     }
38
39     //2nd Method
40     public void percentageComplete(){
```

```

33         double a = invoiceComplete;
34         double b = invoiceNum;
35         System.out.println("The percentage of
invoices completely processed today is: " + (a/b)*100
+ "%.");
36     }
37
38
39     public static void main(String[] args) {
40         // Main method, where we create an instance of a
class
41         Tracker Monday = new Tracker("Monday", 29, 23
);
42         //Monday.targetCheck();
43         //Monday.percentageComplete();
44         Tracker Tuesday = new Tracker("Tuesday", 25,
14);
45         //Tuesday.targetCheck();
46         //Tuesday.percentageComplete();
47         Tracker Wednesday = new Tracker("Wednesday",
36, 9);
48         //Wednesday.targetCheck();
49         //Wednesday.percentageComplete();
50         Tracker Thursday = new Tracker("Thursday", 18
, 17);
51         //Thursday.targetCheck();
52         //Thursday.percentageComplete();
53         Tracker Friday = new Tracker("Friday",31,21
);
54         Friday.targetCheck();
55         Friday.percentageComplete();
56         progress();
57     }
58
59     //2D Array List below main
60     public static void progress() {
61         int[][] weeksProgress = {{29, 23}, {25, 14
}, {36, 9}, {18, 17}, {31, 21}};
62
63         int total_invoices_removed = 0;
64         for(int a = 0; a < weeksProgress.length; a++){

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```
65         for(int b = 1; b < weeksProgress[a].length
        ; b++){
66             total_invoices_removed +=
weeksProgress[a][b];
67         }
68     }
69     System.out.println("Total invoices removed so
far: " + total_invoices_removed);
70
71 }
72
73
74 }
75
```