```java
1  package com.company;
2
3  import static java.lang.System.*;
4
5  public class Share {
6
7      String stockName;
8      double pricePerShare;
9      double earningsPerShare;
10
11     // We use double, so we can calc a percentage.
   Dividing an int by an int, rounds down.
12
13
14     // Constructor method
15
16     public Share(String stockName, double
   pricePerShare, double earningsPerShare) {
17         this.stockName = stockName;
18         this.pricePerShare = pricePerShare;
19         this.earningsPerShare = earningsPerShare;
20     }
21
22     //this. enables you to set the instance variable
   in the main to the local variable in the constructor.
23
24     //1st Method
25
26     public void peCalc(){
27         double ratio = pricePerShare /
   earningsPerShare;
28         System.out.println("The share, " + stockName
    + " has a P/E Ratio of " + ratio + ".");
29     }
30
31
32     public static void main(String[] args) {
33         // write your code here
34         Share ESEA = new Share("EuroSeas Ltd", 30, 23
   );
35         ESEA.peCalc();
```

```java
36              progress();
37
38      }
39
40      //2D Array List Method below the main.
41      //This records the no. of invoices worked on and
   completely removed each day.
42
43      public static void progress(){
44          int[][] weeksProgress = {{25,15}, {34,12}, {
   45,40}};
45
46          int total_invoices_removed = 0;
47
48      for(int a=0; a< weeksProgress.length; a++){
49          for(int b=1; b<weeksProgress[a].length; b++){
50              total_invoices_removed += weeksProgress[a
   ][b];
51          }
52      }
53      System.out.println("The total number of invoices
   removed so far is: " + total_invoices_removed);
54
55
56      //note: Inorder to run the 2D Array class below
   the main. It has to be called within the method (
   public static void main) not a class body, i.e.
   progress().
57      }
58 }
59
```