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Source Editor

```
11  */
12  public class A2main {
13
14      /**
15       * @param args the command line arguments
16       */
17      public static void main(String[] args)
18      {
19          // Variables to hold the surveyed customers, the 14 % who
20          // purchased one or more energy drinks per week and the 64 % of
21          // those of the 14 % who prefer citrus flavored energy drinks.
22          double surveyedcustomers = 12467;
23          double oneormoreenergydrinksperweek;
24          double prefercitrusflavoreddrinks;
25
26          // Calculate the approximate number of 14 % customers,
27          oneormoreenergydrinksperweek = surveyedcustomers * 0.14;
28
29          // Calculate the approximate number of customers who prefer
30          // citrus flavored drinks by multiplying .64 times the number
31          // of people who purchase one or more energy drinks per week.
32          prefercitrusflavoreddrinks = oneormoreenergydrinksperweek * 0.64;
33
34          // Display the results.
35          System.out.println("Surveyed Customers: " + surveyedcustomers);
36          System.out.println("Customers Who Purchased One or More Energy
```

Output - A2main (run)

```
run:
Surveyed Customers: 12467.0
Customers Who Purchased One or More Energy Drinks Per Week: 1745.38
Customers Who Prefer Citrus Energy Drinks: 1117.0432
BUILD SUCCESSFUL (total time: 0 seconds)
```

Finished building A2main (run). 22:38 | INS

A2 main

Variables to hold the surveyed customers, the 14 percent who purchased one or more energy drinks per week and 64 percent of those who purchase energy drinks who prefer citrus flavored energy drinks.

double surveyedcustomers = 12,467;
double oneormoreenergydrinksperweek;
double prefercitrusflavoreddrinks;

// Calculate the approximate number of 14% customers,
oneormoreenergydrinksperweek = surveyedcustomers * .14;

// Calculate the approximate number of customers
who prefer citrus flavored drinks by multiplying
.64 times the number of people who purchase
one or more energy drinks per week.
prefercitrusflavoreddrinks = oneormoreenergydrinksperweek * .64;

// Display the results

```
System.out.println("Surveyed customers: " + surveyedcustomers);  
System.out.println("Customers who purchase one or more energy  
drinks per week: " + oneormoreenergydrinksperweek);  
System.out.println("Customers who prefer citrus energy drinks:  
+ prefercitrusflavoreddrinks);
```