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| **Assessment:** | Lab Exercise 02 |
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| **Lab Professor Name:** | Dr. James Mwangi |
| **Lab Section Number:** | 343 |
| **Due Date:** | 24-9-2024 |

Task 1: Debug the Java Program

Correction #1 declared **double** averagePrice; in line 12

Correction #1: We need to add include import java.util.Scanner

Correction #2:Added the variable double (in line 17) input.nextDouble();

Correction#3 Added a semicolon in line 2

Correction#4 Added parentheses also datatype double average price in line 23

Correction#5 Removed the comma in line 29 (, averagePrice)

Task 2: Test the Program

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| --- | --- | --- | --- |
| Input | Expected Output | Actual Output | Description |
| 10,10,10 | 10 | 10.0 | Enter the price for Mango: 10  Enter the price for Orange: 10  Enter the price for Banana: 10  The average price is: 10.0 |
| -3,-5,-10 | -6 | -6.0 | Enter the price for Mango: -3  Enter the price for Orange: -5  Enter the price for Banana: -10  The average price is: -6.0 |
| 1200,1000.1500 | 1,233.333333333333 | 1233.3333333333333 | Enter the price for Mango: 1200  Enter the price for Orange: 1000  Enter the price for Banana: 1500  The average price is: 1233.3333333333333 |
| 5.5,3.5,10 | 6.333333333333333 | The average price is: 6.333333333333333 | Enter the price for Mango: 5.5  Enter the price for Orange: 3.5  Enter the price for Banana: 10  The average price is: 6.333333333333333 |
| -0.5,100,-3.0 | 32.166666666666664 | The average price is: 32.166666666666664 | Enter the price for Mango: -0.5  Enter the price for Orange: 100  Enter the price for Banana: -3.0  The average price is: 32.166666666666664 |

Task 3: Screenshot of running program

(Reminder: Include the .java file with your submission!)

A screenshot of a computer

Description automatically generated