

# JAVA Assignment



## Java Assignment 1: Basic Console Applications

Your first assignment in java is to create 3 console applications. Convert from square feet to square meters and solve 2 problems problems(2-3) from the algorithm practice worksheet #1. Each one will feature interaction with the user via keyboard input.

1. Take as a input the number of square feet for a building or floorplan. Convert the square feet to square meters. Test using a test plan. Don't worry about input that is out of range or alpha-numeric input.
2. Problem #2, allow for 5 separate inputs, give the ft %. Don't worry about inputs out of range or alpha-numeric input
3. Problem #3, output each of the values on a separate line. If there are more than one highest number, just print out the highest value. Don't worry about inputs where b is 0 (this will create a divide by 0 error for the formula from 3c.) Don't worry about alpha-numeric input.

Make a typed test plan for Problem #3.

Your test plan MUST include 5 possible different sets of 3 values including;

Some with positives and negatives

Some with decimals and some where there are two values that are the largest

<b>Project Name</b>	Assign 1 – Basic Console Apps
<b>Class 1 Name</b>	SquareFeet
<b>Class 2 Name</b>	FreeThrow
<b>Class 3 Name</b>	Calculations

<b>Rubric</b>	
<b>AlgoPract1-1</b>	<b>35</b>
<b>AlgoPract1-2</b>	<b>35</b>
<b>AlgoPract1-3</b>	<b>35</b>
<b>Test Plan for 1-3</b>	<b>20</b>
<b>TOTAL</b>	<b>125</b>

1.