Test Cases

The goals is to create a program that will perform calculations such as, minimum, maximum and average on weight objects within a Weight Class and Project1 Class.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test # | Input | Expected Output | Actual Output | PASS/FAIL |
| 1 | New weight 1 = (11,3)  New weight 2 = (7,3)  New weight 3 = (14,6) | Weight 1: 11 lbs 3oz  Weight 2: 8 lbs 4 oz  Weight 3: 14 lbs 6  Min: 8 lbs 4 oz  Max: 14 lbs 6 oz  Avg: 12 lbs 4 oz | Weight 1: 11 lbs 3.00 oz  Weight 2: 8 lbs 4.00 oz  Weight 3: 14 lbs 6.00 oz  Minimum Weight is:  ==> 8 lbs 4.00 oz  Maximum Weight is:  ==> 14 lbs 6.00 oz  The Average Weight is:  ==> 12 lbs 4.33 oz | PASS |
| 2 | New weight 1 = (30,2)  New weight 2 = (14,0)  New weight 3 = (1,17) | Weight 1: 30 lbs 2oz  Weight 2: 14 lbs 0 oz  Weight 3: 2 lbs 1 oz  Min: 2 lbs 1 oz  Max: 30 lbs 2 oz  Avg: 16 lbs 6 oz | Weight 1: 30 lbs 2.00 oz  Weight 2: 14 lbs 0.00 oz  Weight 3: 2 lbs 1.00 oz  Minimum Weight is:  ==> 2 lbs 1.00 oz  Maximum Weight is:  ==> 30 lbs 2.00 oz  The Average Weight is:  ==> 16 lbs 6.33 oz | PASS |
| 3 | New weight 1 = (16,4)  New weight 2 = (8,40)  New weight 3 = (6,3) | Weight 1: 16 lbs 4oz  Weight 2: 10 lbs 8 oz  Weight 3: 14 lbs 6  Min: 6 lbs 3 oz  Max: 16 lbs 4 oz  Avg: 10 lbs 6 oz | Weight 1: 16 lbs 4.00 oz  Weight 2: 9 lbs 24.00 oz  Weight 3: 6 lbs 3.00 oz  Minimum Weight is:  ==> 6 lbs 3.00 oz  Maximum Weight is:  ==> 16 lbs 4.00 oz  The Average Weight is:  ==> 11 lbs 15.67 oz | FAIL |

Test Case #1  
A screenshot of a computer

Description automatically generated

Test Case #2  
Text

Description automatically generated

Test Case #3  
Text

Description automatically generated