

CS1428
Summer 2023
Assignment 2 Rubric
Student Name:

Style: 20 points

Condition	Max Points	Points
		Awarded
All lines less that 80 characters.	4	
Variables have meaningful names.	4	
Every block indented one tab or 4 spaces.	4	
Comments included for “complicated” actions.	2	
File name is [Authors Last Name]_assignment2.cpp	4	
Author and date comments included.	2	

Test Cases: 80 points**Programs that do not compile will not be graded on test cases.****Programs should continue running until the last test case.**

Input	Test Condition	Max Points	Points Awarded
P	Console prints error message	5	
D	<u>Contents of Sally.txt</u>	10	
Walter Hohman	Ship Name: Sally		
Sally	Ship Mass: 500.0kg		
500	Acceleration: 10.4m/s ²		
5200	Impulse: 22.9Ns/kg		
	Max Altitude: 469.0km		
	Designer Name: Walter Hohman		
d	<u>Contents of Valentina.txt</u>	10	
Jules Verne	Ship Name: Valentina		
Valentina	Ship Mass: 340.0kg		
340	Acceleration: 2.0m/s ²		
679	Impulse: 6.8Ns/kg		
	Max Altitude: 145.6km		
	Designer Name: Jules Vernes		
D	<u>Contents of Kalpana.txt</u>	10	
Isaac Asimov	Ship Name: Kalpana		
Kalpana	Ship Mass: 100.0kg		
100	Acceleration: 5.6m/s ²		
560	Impulse: 16.9Ns/kg		
	Max Altitude: 347.7km		
	Designer Name: Isaac Asimov		
t	Console prints error message	5	
Boko			
T	Console prints, "Sally has failed test number 3"	10	
Sally			
t	Console prints, "Valentina has failed test number 4"	10	
Valentina			
T	Console prints, "Kalpana has passed all tests."	10	
Kalpana			
q	Program prints, "Thank you for using Craft Designer Plus." and exits.	10	

values can be +/- 0.1*All test cases will be entered in order on one run of the program.****Total Points:**