

CS1428

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Summer 2022

## Assignment 2 Rubric

Student Name:

### Style: 20 points

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

**Test Cases: 80 points**

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

**\*values can be +- 0.1**

**All test cases will be entered in order on one run of the program.**

**Total Points:**