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 be assessed for <u>partial</u> credit.
Programs should continue running until the last test case.

Input	Test Condition	Max Points	Points Awarded
P	Console prints error message	5	▮
D Walter Hohman Sally 500 5200	<u>Contents of Sally.txt</u> Ship Name: Sally Ship Mass: 500.0kg Acceleration: 10.4m/s2 Impulse: 22.9Ns/kg Max Altitude: 469.0km Designer Name: Walter Hohman	10	▮
d Jules Verne Valentina 340 679	<u>Contents of Valentina.txt</u> Ship Name: Valentina Ship Mass: 340.0kg Acceleration: 2.0m/s2 Impulse: 6.8Ns/kg Max Altitude: 145.6km Designer Name: Jules Vernes	10	▮
D Isaac Asimov Kalpana 100 560	<u>Contents of Kalpana.txt</u> Ship Name: Kalpana Ship Mass: 100.0kg Acceleration: 5.6m/s2 Impulse: 16.9Ns/kg Max Altitude: 347.7km Designer Name: Isaac Asimov	10	▮
t Boko	Console prints error message	5	▮
T Sally	Console prints, "Sally has failed test number 3"	10	▮
t Valentina	Console prints, "Valentina has failed test number 4"	10	▮
T Kalpana	Console prints, "Kalpana has passed all tests."	10	▮
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: ▮