

#define MAX_CARGO_WEIGHT 1000

#define MAX_CARGO_VOL 36

Returns the value of 'score' (variable)

	<u>Description</u>	<u>Test Data</u>	<u>Expected result</u>
Test1	Test to see what the value of score will be if weight and vol are equal to zero	int weight = 0 double vol = 0	score = 0.0
Test2	Test to see what the value of score will be if the weight and volume are less than the maximum weight and volume value	int weight = 800 double vol = 20.0 weightScore = 0.8 volumeScore = 0.55	score = 1.45
Test3	Test to see what the value of score will be if value of weight is greater than the maximum weight value	int weight = 2000 double vol = 20.0 weightScore = 2 volumeScore = 0.55	score = 3.36
Test4	Test to see what the value of score will be if the volume is greater than the maximum volume value.	int weight = 800 double vol = 72.0 weightScore = 0.8 volumeScore = 2	score = 0.4
Test5	Test to see what the value of score will be if the weight and volume are both greater than the maximum weight and volume value	int weight = 3000 double vol = 80.0 weightScore = 3 volumeScore = 2.22	score = 1.35
Test6	Test to see what the value of score will be if the volume is equal to zero	int weight = 1200 double vol = 0.0 weightScore = 1.2 volumeScore = 0.0	score = 0.0
Test7	Test to see what the value of score will be if the weight is equal to zero	int weight = 0 double vol = 40.0 weightScore = 0.0 volumeScore = 1.11	score = 0.0

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