# Starship Calculator Tests

The following table of Unit Tests have been carried out successfully.

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| Name | Description | Inputs | Result |  |
| CreateStarshipConstructor1 | Instantiate Starship Object with empty constructor | None | Success |  |
| CreateStarshipConstructor2 | Instantiate Starship Object with ModelName FuelRange and values | "TestName", 12.5M | Success |  |
| GetStarshipsTest | Test interface to swapi | None | Success |  |
| GetFuelRangeTest1 | Test **GetFuelStops**  calculation with no remainder | Distance: 100  Range: 10 | 9, success |  |
| GetFuelRangeTest2 | Test **GetFuelStops**  calculation with remainder | Distance: 100  Range: 15 | 6, success |  |
| GetFuelRangeTest3 | Test **GetFuelStops**  calculation with zero fuel range | Distance: 100  Range: 0 | 0, success | Should this raise an error? |
| GetFuelRangeTest4 | Test **GetFuelStops**  calculation with zero distance | Distance: 0  Range: 10 | 0, success |  |
| GetFuelRangeTest5 | Test **GetFuelStops**  calculation where distance is larger than fuel range | Distance: 10  Range: 100 | 0, success |  |
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