```
Test
# totalTestsRun
# totalTestsPassed
# totalTestsFailed
+ Test()
+ ~Test()
+ runTest()
+ runTests()
+ summarize()
  TestAlgorithm
```

+ testEmptyArray()

+ testSingleElementArray()
+ testArrayWithDuplicates()
+ testInvalidKValues()
+ testQuickSelect()
+ testQuickSort()
+ runTests()