```
 1 C:\Users\agbod\CLionProjects\COMP10050-assignment3\
   cmake-build-debug-cygwin\COMP10050_assignment3.exe
 2 ass3q1
 3
 4
 5     CUnit - A unit testing framework for C - Version
   2.1-3
 6     http://cunit.sourceforge.net/
 7
 8
 9 Suite: average_test
10   Test: average_fun ...FAILED
11     1. /cygdrive/c/Users/agbod/CLionProjects/
   COMP10050-assignment3/ass3q1.c:14  -
   CU_ASSERT_DOUBLE_EQUAL(average(arr1, sizeof(arr1) /
   sizeof(double)),expected_return1,GRANULARITY)
12     2. /cygdrive/c/Users/agbod/CLionProjects/
   COMP10050-assignment3/ass3q1.c:15  -
   CU_ASSERT_DOUBLE_EQUAL(average(arr2, sizeof(arr2) /
   sizeof(double)),expected_return2,GRANULARITY)
13
14 Run Summary:    Type  Total    Ran Passed Failed
   Inactive
15             suites    1    1    n/a     0
         0
16              tests    1    1     0     1
         0
17             asserts    2    2     0     2
       n/a
18
19 Elapsed time =    0.000 seconds
20 ass3q2
21
22
23     CUnit - A unit testing framework for C - Version
   2.1-3
24     http://cunit.sourceforge.net/
25
26
27 Suite: new_average_test
28   Test: new_average_fun ...passed
29
30 Run Summary:    Type  Total    Ran Passed Failed
   Inactive
```

```
31              suites       1       1     n/a       0
           0
32               tests       1       1       1       0
           0
33             asserts       2       2       2       0
         n/a
34
35 Elapsed time =     0.000 seconds
36 ass3q3
37
38
39     CUnit - A unit testing framework for C - Version
   2.1-3
40     http://cunit.sourceforge.net/
41
42
43 Suite: max_test
44   Test: max_fun ...FAILED
45     1. /cygdrive/c/Users/agbod/CLionProjects/
   COMP10050-assignment3/ass3q3.c:14   -
   CU_ASSERT_DOUBLE_EQUAL(max(max_arr1, sizeof(max_arr1
   ) / sizeof(double)),max_expected_return1,GRANULARITY)
46
47 Run Summary:     Type   Total    Ran Passed Failed
   Inactive
48              suites       1       1     n/a       0
           0
49               tests       1       1       0       1
           0
50             asserts       2       2       1       1
         n/a
51
52 Elapsed time =     0.000 seconds
53 ass3q4
54
55
56     CUnit - A unit testing framework for C - Version
   2.1-3
57     http://cunit.sourceforge.net/
58
59
60 Suite: new_max_test
61   Test: new_max_fun ...passed
62
```

```
63 Run Summary:      Type    Total      Ran Passed Failed
      Inactive
```

	Type	Total	Ran	Passed	Failed	Inactive
64	suites	1	1	n/a	0	0
65	tests	1	1	1	0	0
66	asserts	2	2	2	0	n/a

```
67
68 Elapsed time =    0.000 seconds
69 ass3q5
70
71
72     CUnit - A unit testing framework for C -
   Version 2.1-3
73     http://cunit.sourceforge.net/
74
75
76 Suite: fact_test
77   Test: fact_fun ...passed
78
79 Run Summary:      Type    Total      Ran Passed Failed
      Inactive
```

	Type	Total	Ran	Passed	Failed	Inactive
80	suites	1	1	n/a	0	0
81	tests	1	1	1	0	0
82	asserts	4	4	4	0	n/a

```
83
84 Elapsed time =    0.000 seconds
85 ass3q6a
86
87
88     CUnit - A unit testing framework for C -
   Version 2.1-3
89     http://cunit.sourceforge.net/
90
91
92 Suite: gcd1_test
93   Test: gcd1_fun ...passed
94
95 Run Summary:      Type    Total      Ran Passed Failed
      Inactive
```

```
 96                 suites      1      1     n/a       0
               0
 97                  tests      1      1       1       0
               0
 98                asserts      6      6       6       0
             n/a
 99
100 Elapsed time =    0.000 seconds
101 ass3q6b
102
103
104     CUnit - A unit testing framework for C -
    Version 2.1-3
105     http://cunit.sourceforge.net/
106
107
108 Suite: gcd2_test
109   Test: gcd2_fun ...passed
110
111 Run Summary:    Type  Total    Ran Passed Failed
    Inactive
112                suites      1      1     n/a       0
               0
113                 tests      1      1       1       0
               0
114                asserts      6      6       6       0
             n/a
115
116 Elapsed time =    0.000 seconds
117 ass3q6c
118
119
120     CUnit - A unit testing framework for C -
    Version 2.1-3
121     http://cunit.sourceforge.net/
122
123
124 Suite: gcd3_test
125   Test: gcd3_fun ...passed
126
127 Run Summary:    Type  Total    Ran Passed Failed
    Inactive
128                suites      1      1     n/a       0
               0
```

```
129                 tests      1      1      1      0
            0
130                 asserts    6      6      6      0
        n/a
131
132 Elapsed time =    0.000 seconds
133
134 Process finished with exit code 0
135
```