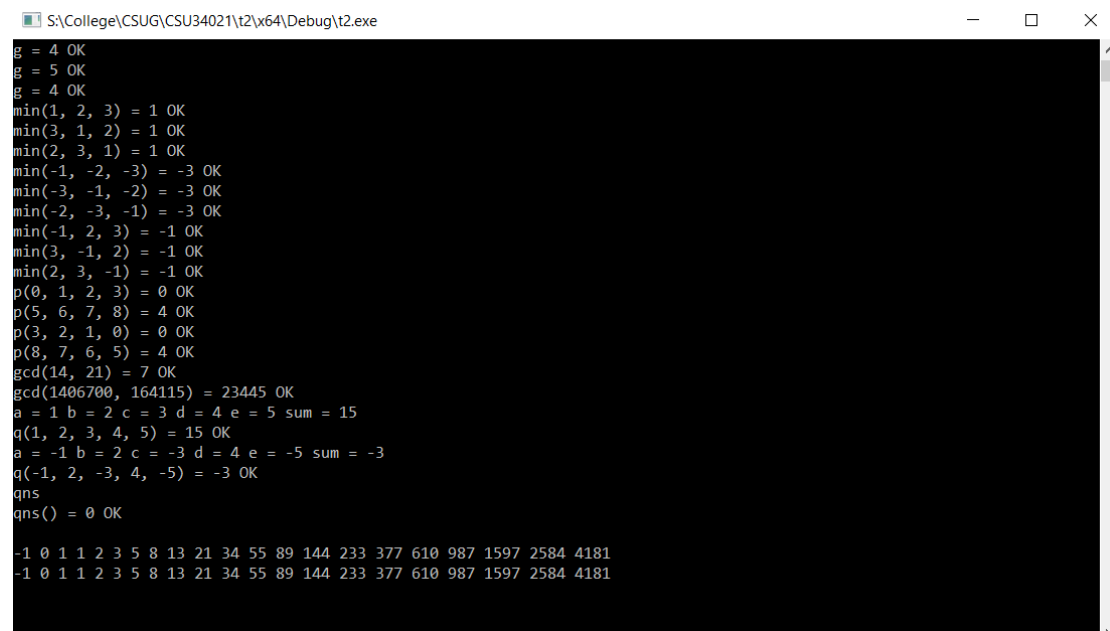


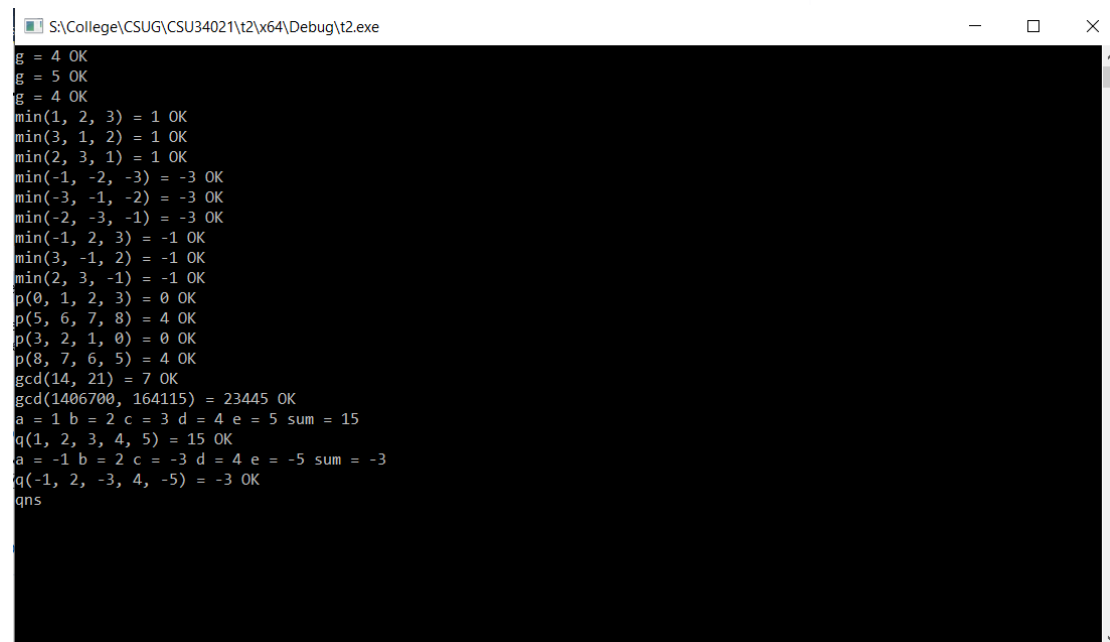
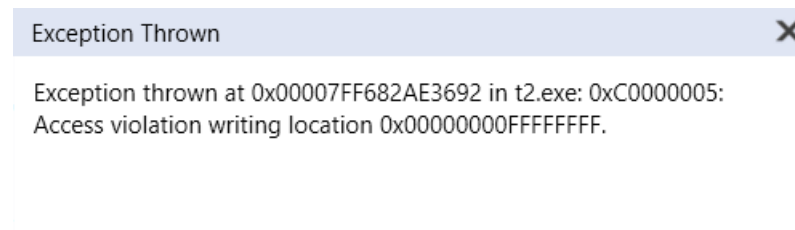
qns with shadow space:



```
S:\College\CSUG\CSU34021\t2\x64\Debug\t2.exe
g = 4 OK
g = 5 OK
g = 4 OK
min(1, 2, 3) = 1 OK
min(3, 1, 2) = 1 OK
min(2, 3, 1) = 1 OK
min(-1, -2, -3) = -3 OK
min(-3, -1, -2) = -3 OK
min(-2, -3, -1) = -3 OK
min(-1, 2, 3) = -1 OK
min(3, -1, 2) = -1 OK
min(2, 3, -1) = -1 OK
p(0, 1, 2, 3) = 0 OK
p(5, 6, 7, 8) = 4 OK
p(3, 2, 1, 0) = 0 OK
p(8, 7, 6, 5) = 4 OK
gcd(14, 21) = 7 OK
gcd(1406700, 164115) = 23445 OK
a = 1 b = 2 c = 3 d = 4 e = 5 sum = 15
q(1, 2, 3, 4, 5) = 15 OK
a = -1 b = 2 c = -3 d = 4 e = -5 sum = -3
q(-1, 2, -3, 4, -5) = -3 OK
qns
qns() = 0 OK

-1 0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181
-1 0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181
```

qns without shadow space: access violation



```
S:\College\CSUG\CSU34021\t2\x64\Debug\t2.exe
g = 4 OK
g = 5 OK
g = 4 OK
min(1, 2, 3) = 1 OK
min(3, 1, 2) = 1 OK
min(2, 3, 1) = 1 OK
min(-1, -2, -3) = -3 OK
min(-3, -1, -2) = -3 OK
min(-2, -3, -1) = -3 OK
min(-1, 2, 3) = -1 OK
min(3, -1, 2) = -1 OK
min(2, 3, -1) = -1 OK
p(0, 1, 2, 3) = 0 OK
p(5, 6, 7, 8) = 4 OK
p(3, 2, 1, 0) = 0 OK
p(8, 7, 6, 5) = 4 OK
gcd(14, 21) = 7 OK
gcd(1406700, 164115) = 23445 OK
a = 1 b = 2 c = 3 d = 4 e = 5 sum = 15
q(1, 2, 3, 4, 5) = 15 OK
a = -1 b = 2 c = -3 d = 4 e = -5 sum = -3
q(-1, 2, -3, 4, -5) = -3 OK
qns
```