

COT 3100 Program #3 Grading Criteria

Adhering to Given Instructions - 3 pts

Sieve was to 10^6 - 1 pt

Sieve condensed to prime array - 1 pt

Prime list used to prime factorize each value - 1 pt

Style Points - 3 pts

Name + Header Comment - 1 pt

Internal Comments - 1 pt

Good variable names - 1 pt

Code Points - 4 pts

Reasonable attempt at reading in data - 1 pt

Contained some sort of prime sieve - 2 pts

Contained some mechanism to calculate phi - 1 pt

Execution Points - 10 pts

All cases correct in 30 sec or fewer - 10 pts

All cases correct for first 30 seconds but not done - 7 pts

Some wrong but at least 80% of cases correct, finish in 30 sec or fewer - 6 pts

Some wrong but at least 80% of cases correct, not done in 30 sec - 4 pts

More than 20% wrong (speed irrelevant) - 2 pts

Otherwise - 0 pts