

Write a program called <lastname-prime.cpp> to generate and output all prime numbers less than your jag number using at least 12 prime numbers per output line to a file called "primes.txt" using a suitable format. As part of your output to the file, your program will also determine and output whether the number of prime numbers is prime or composite and the number of lines outputted is prime or composite.

Expected Comments for each program part (1, 2, 3):

1. Author of Program
2. Date Started
3. Date Completed
4. Purpose of program – in your own words
5. Pseudo-code for program
6. Libraries used including functions/constants used and briefly why
7. Variables and constants created by you with type and brief purpose for each one
8. Purpose, argument list, and what it returns from each function written by you

Jag Number [542350]

Items to turn-in for grading:

Submit your source code and **output file** – **no output file means 10 points off per part** for each part by submitting them to Sakai's dropbox