

Phillip Salazar

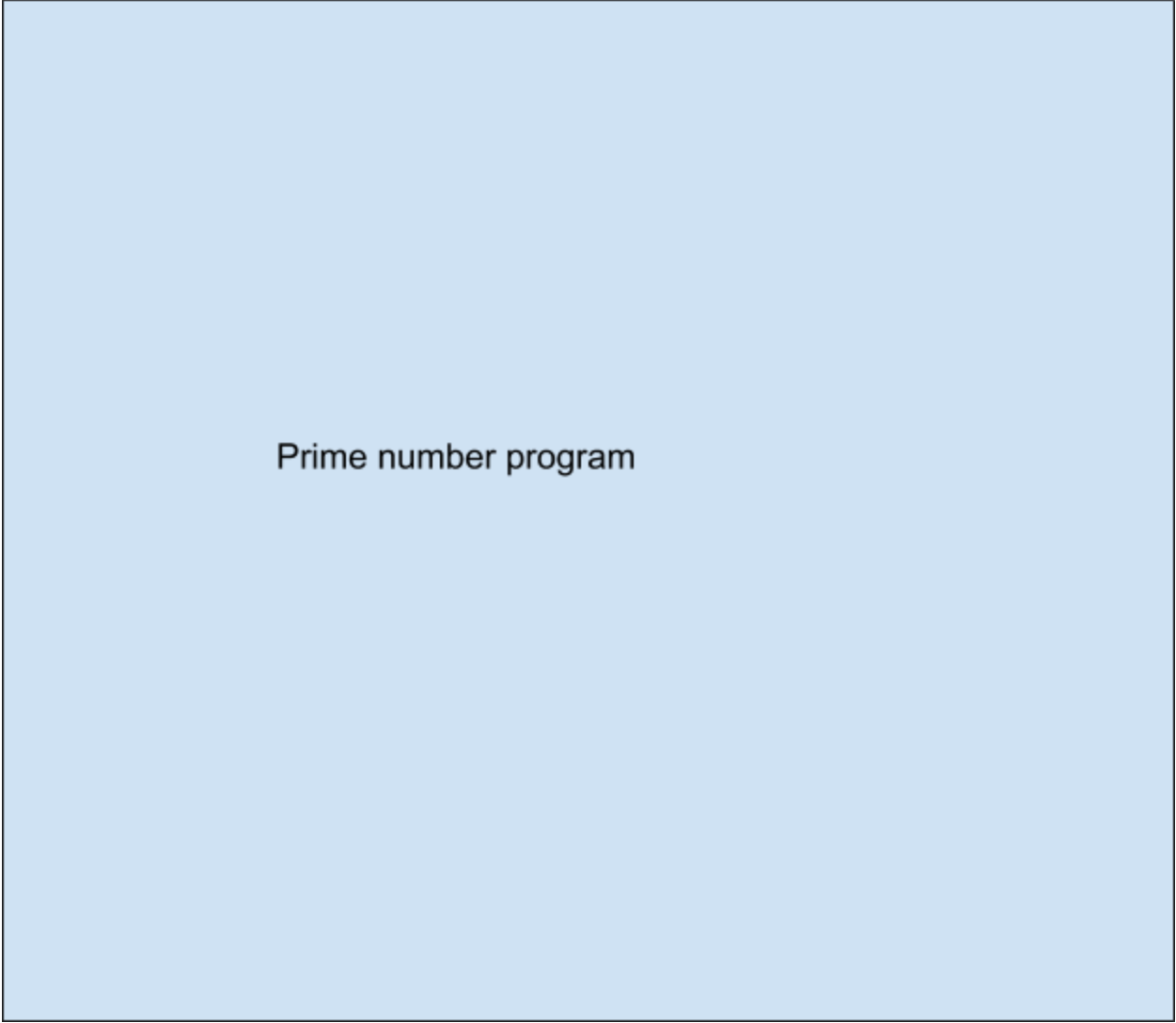
Lab5 part 2

Problem statement:

Make a program that print out primes numbers to a file.

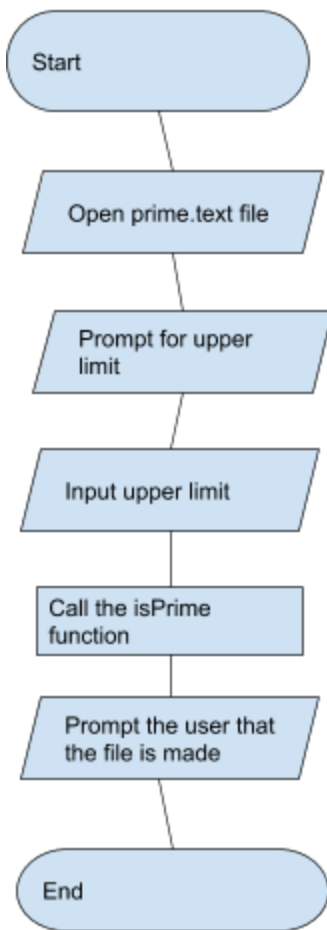
Output:

Prime number from 2 till 100 are in prime.txt



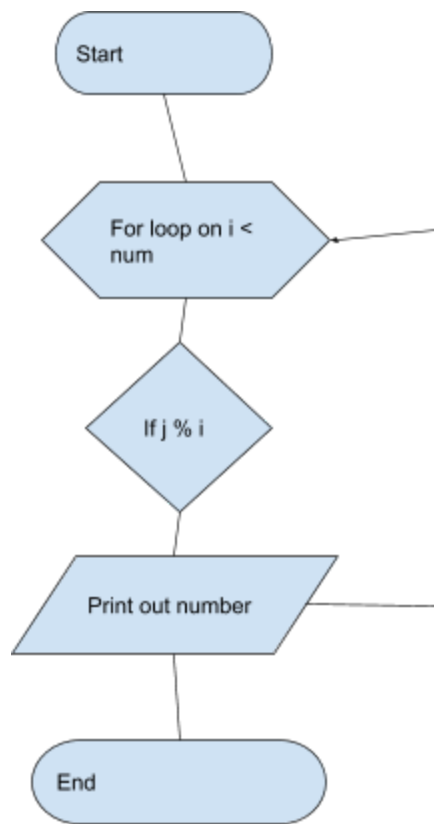
Prime number program

Pseudo code for main:



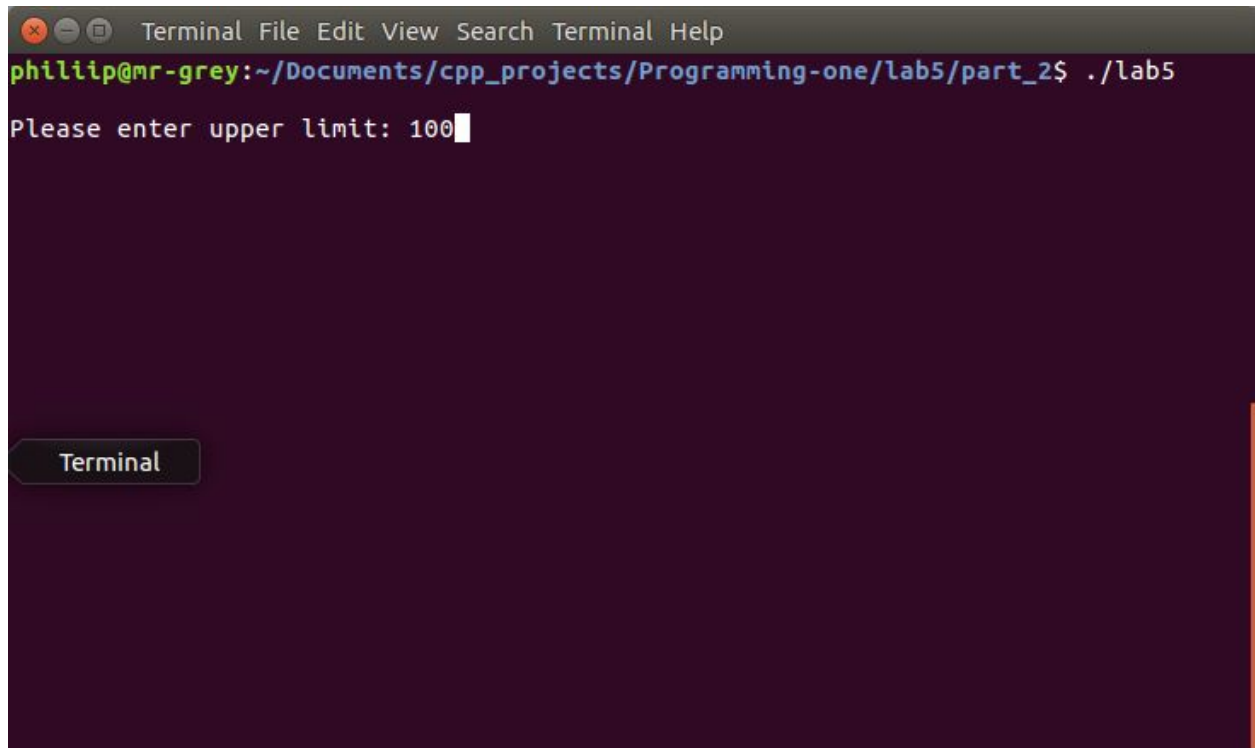
1. Start
2. Open prime.txt
3. Prompt the user for the upper limit
4. Input upper limit
5. Call the isPrime() function
6. Prompt the user that the file is written to.
7. end

Pseudo code for is Prime function:



1. Start function
2. For loop for find a prime number
3. If $j \% i$, then print number
4. End function

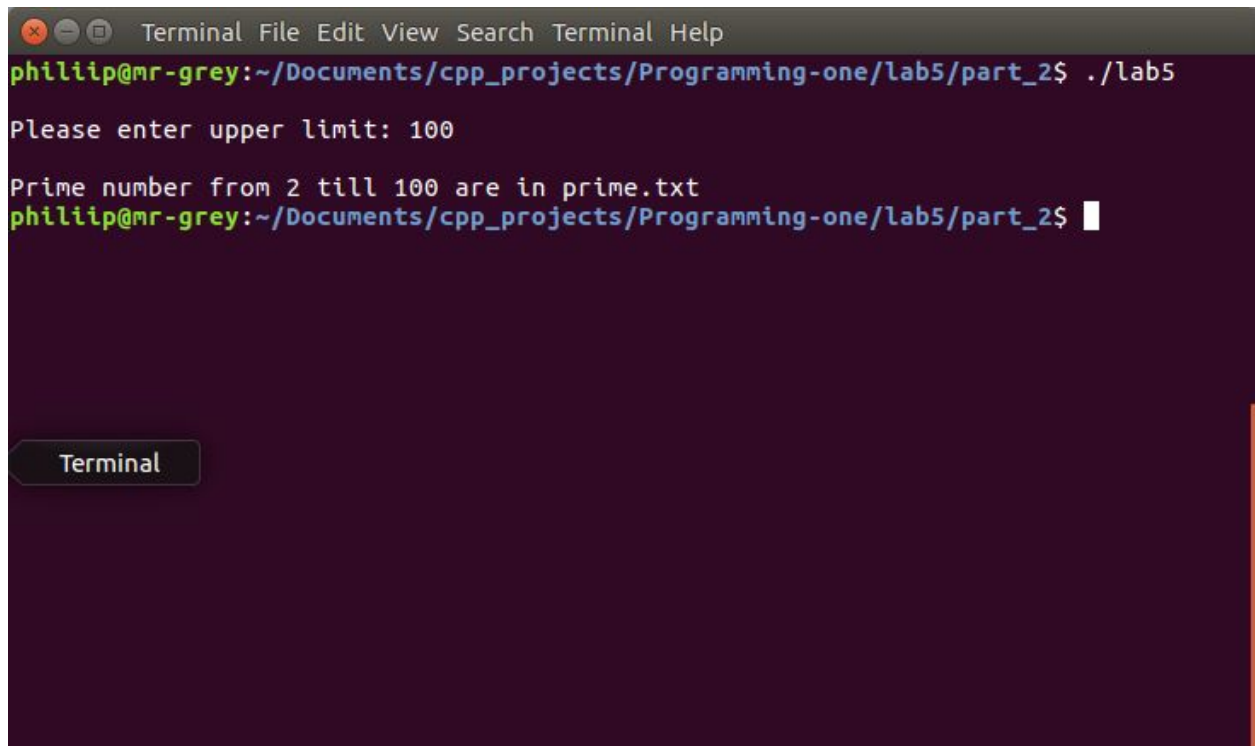
Input:



```
Terminal File Edit View Search Terminal Help
philiip@mr-grey:~/Documents/cpp_projects/Programming-one/lab5/part_2$ ./lab5
Please enter upper limit: 100
```

Terminal

Output:



```
Terminal File Edit View Search Terminal Help
philiip@mr-grey:~/Documents/cpp_projects/Programming-one/lab5/part_2$ ./lab5
Please enter upper limit: 100
Prime number from 2 till 100 are in prime.txt
philiip@mr-grey:~/Documents/cpp_projects/Programming-one/lab5/part_2$
```

Terminal

User Instruction:

Type ./lab5 in the terminal and type your upper limit. Then a file call prime.txt should be in the same directly with the prime numbers.

Comments:

This was a kind of difficult program, but it was interesting.