

## C++ I/O

You'll find a source file, total.cpp and an input file, numbers.txt on the course homepage. You can also download these files using the following curl commands:

```
curl -O https://www.csc2.ncsu.edu/courses/csc230/exercise/exercise24/total.cpp
curl -O https://www.csc2.ncsu.edu/courses/csc230/exercise/exercise24/numbers.txt
curl -O https://www.csc2.ncsu.edu/courses/csc230/exercise/exercise24/expected.txt
```

The main function in this program is empty. Add code to main to open the numbers.txt input file. Read in all the numbers, add them up and print out a total as illustrated below. Use a C++ ifstream to read the input, and use cout to print out the total at the end.

When you're done, you should be able to run your program as follows:

```
$ ./total
Total: 511
```

Submit a copy of your completed total.cpp file using the exercise\_24 assignment on Moodle.