

COMP5112 - Assignment 2

Package list

- `openmp_bellman_ford.cpp`: code skeleton for assignment 2
- `serial_bellman_ford.cpp`: a serial version of bellman-ford algorithm (just for your reference)
- two sets of sample input/output files
- `README.pdf`: the readme file

Compile and run:

`serial_bellman_ford`

Compile:

```
$ g++ -std=c++11 -o serial_bellman_ford serial_bellman_ford.cpp
```

Run:

```
$ ./serial_bellman_ford <input file>
```

e.g. `./serial_bellman_ford input1.txt`

The output is file `output.txt`

`openmp_bellman_ford`

Compile:

```
$ g++ -std=c++11 -fopenmp -o openmp_bellman_ford openmp_bellman_ford.cpp
```

Run:

```
$ ./openmp_bellman_ford <input file> <number of threads>
```

The output file is `output.txt`