

Use such command to compile my code. (Only one cpp file, hsu1725.cpp)

```
g++ -std=c++11 Path/hsu1725.cpp -o Path/hsu1725.out
```

For example, my Path: `/home/grads/w/NetID/ece687`

How to test, put hsu1725.out and test file in the same folder.

The filename input by command line.

```
./hsu1725.out Your_Test_FileName
```

For example, my Test\_FileName: `test_input1`

[Following command I used for the following Figure]

```
g++ -std=c++11 /home/grads/w/NetID/ece687/hsu1725.cpp
```

```
-o /home/grads/w/NetID/ece687/hsu1725.out
```

```
./hsu1725.out test_input1
```

```
./hsu1725.out test_input2
```

Below is the simulation for my program on ECE server hera:

```
[redacted]@hera3 ~/ece687> (00:31:49 11/24/17)
:: ./hsu1725.out test_input1
Total number of buffers inserted:3
Each buffer is at the upstream node(i) of each following edge(i,j)
edge( 0, 3 )
edge( 3, 1 )
edge( 0, 2 )
The Required Arrived Time at the driver node: 9
[Finish] enter anything to terminate

[redacted]@hera3 ~/ece687> (00:31:57 11/24/17)
:: ./hsu1725.out test_input2
Total number of buffers inserted:5
Each buffer is at the upstream node(i) of each following edge(i,j)
edge( 5, 1 )
edge( 5, 2 )
edge( 0, 6 )
edge( 6, 3 )
edge( 6, 4 )
The Required Arrived Time at the driver node: 3
[Finish] enter anything to terminate

[redacted]@hera3 ~/ece687> (00:32:04 11/24/17)
:: ./hsu1725.out test_input3
Total number of buffers inserted:2
Each buffer is at the upstream node(i) of each following edge(i,j)
edge( 5, 1 )
edge( 5, 2 )
The Required Arrived Time at the driver node: 4
[Finish] enter anything to terminate

[redacted]@hera3 ~/ece687> (00:32:09 11/24/17)
```