Compilation

```
yangt8@andromeda-4 16:30:18 ~/hw/hw0
$ make
echo      ------------compiling main.ccp to create executable program main----------------
------------compiling main.ccp to create executable program main----------------
g++  -ggdb  -std=c++11  main.cpp  -o  main
yangt8@andromeda-4 16:30:24 ~/hw/hw0
$ ./main
Hello World
yangt8@andromeda-4 16:30:28 ~/hw/hw0
$ make clean
echo ----------------removing executable program main--------------------
----------------removing executable program main--------------------
/bin/rm main
```

Valgrind Memory Check

```
yangt8@andromeda-23 16:15:46 ~/hw/hw0
$ valgrind ./main
==27262== Memcheck, a memory error detector
==27262== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et al.
==27262== Using Valgrind-3.13.0 and LibVEX; rerun with -h for copyright info
==27262== Command: ./main
==27262==
Hello World
==27262==
==27262== HEAP SUMMARY:
==27262==     in use at exit: 0 bytes in 0 blocks
==27262==   total heap usage: 0 allocs, 0 frees, 0 bytes allocated
==27262==
==27262== All heap blocks were freed -- no leaks are possible
==27262==
==27262== For counts of detected and suppressed errors, rerun with: -v
==27262== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
```