For clang 3.4, do the following steps

1. Open a terminal
   1. Mkdir tools
   2. Cd tools, Mkdir clang-3.4
   3. wget http://llvm.org/releases/3.4/llvm-3.4.src.tar.gz
   4. wget http://llvm.org/releases/3.4/clang-3.4.src.tar.gz
2. Extract the 2 tar files.
   1. Label the llvm-3.4 as “llvm”
   2. Label the clang-3.4 as “clang”
   3. Cut and paste the “clang” in /llvm/tools/
   4. Cd ../..
3. Mkdir build
   1. Cd build
   2. cmake -G "Unix Makefiles" ../llvm
   3. Make clang
   4. Make
   5. Sudo make install