The program is written in c++.

Compilation: g++ <filename>.cpp

Execution : ./<filename>

There are four different cpp files:

**job.cpp**- Implementation of the job puzzle without mrv

**job\_mrv.cpp**- implementation of the job puzzle with mrv

**house.cpp**- implementation of the “einstein” puzzle without mrv.

**house\_mrv.cpp**- implementation of the einstein puzzle with mrv

The outputs of house.cpp and house\_mrv.cpp are written to output.txt (to keep track of the large statespace)

The code of the backTrack() function is nearly the same in all of the files. Only the definition of the Variable class and the domains change between job.cpp and house.cpp.