

Assumptions

To run this program as it's originally intended to, the following conditions must be met:

1. Access control must grant write access for 'P6.java' to the directory that contains 'P6.java'
2. The following files must contain exactly the same data as their originally uploaded and be

in the same directory as 'P6.java':

```
+----+ deps/  
+----+ ast.java  
+----+ CodeGen.java  
+----+ DuplicateSymException.java  
+----+ EmptySymTableException.java  
+----+ ErrMsg.java  
+----+ Makefile  
+----+ minim.cup  
+----+ minim.jlex  
+----+ P6.java  
+----+ Sym.java  
+----+ SymTable.java  
+----+ Type.java  
+----+ test.minim
```

3. Access control must grant read access for the above-mentioned files

Note: Assumption 2 should already be satisfied upon unzipping the submitted archive file.

How to invoke the program

Follow the 3 steps below to invoke the program:

1. unzip the archive file
2. run 'make'
3. run 'make test' to generate a MIPS file: test.s
4. run 'make testspim' to run SPIM with the test.s