```
(base) minghaoliu@Butters-Man cse210A-asgtest-hw1-arith (master) $ sh test.sh
pyinstaller --onefile arith.py
39 INFO: PyInstaller: 3.6
39 INFO: Python: 3.7.4 (conda)
47 INFO: Platform: Darwin-19.3.0-x86_64-i386-64bit
47 INFO: wrote /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/arith.spec
50 INFO: UPX is not available.
53 INFO: Extending PYTHONPATH with paths
['/Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith',
 '/Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith']
54 INFO: checking Analysis
54 INFO: Building Analysis because Analysis-00.toc is non existent
54 INFO: Initializing module dependency graph...
58 INFO: Caching module graph hooks...
63 INFO: Analyzing base_library.zip ...
3007 INFO: Caching module dependency graph...
3088 INFO: running Analysis Analysis-00.toc
3093 INFO: Analyzing /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/arith.py
3098 INFO: Processing module hooks...
3098 INFO: Loading module hook "hook-encodings.py"...
3155 INFO: Loading module hook "hook-xml.py"...
3388 INFO: Loading module hook "hook-pydoc.py"...
3396 INFO: Looking for ctypes DLLs
3396 INFO: Analyzing run-time hooks ...
3400 INFO: Looking for dynamic libraries
3463 INFO: Looking for eggs
3463 INFO: Python library not in binary dependencies. Doing additional searching...
3467 INFO: Using Python library /opt/anaconda3/lib/libpython3.7m.dylib
3469 INFO: Warnings written to /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/build/arith/warn-arith.txt
3486 INFO: Graph cross-reference written to /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/build/arith/xref-arith.html
3499 INFO: checking PYZ
3500 INFO: Building PYZ because PYZ-00.toc is non existent
3500 INFO: Building PYZ (ZlibArchive) /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/build/arith/PYZ-00.pyz
3787 INFO: Building PYZ (ZlibArchive) /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/build/arith/PYZ-00.pyz completed successfully.
3790 INFO: checking PKG
3790 INFO: Building PKG because PKG-00.toc is non existent
3790 INFO: Building PKG (CArchive) PKG-00.pkg
6074 INFO: Building PKG (CArchive) PKG-00.pkg completed successfully.
6075 INFO: Bootloader /opt/anaconda3/lib/python3.7/site-packages/PyInstaller/bootloader/Darwin-64bit/run
6076 INFO: checking EXE
6076 INFO: Building EXE because EXE-00.toc is non existent
6076 INFO: Building EXE from EXE-00.toc
6076 INFO: Appending archive to EXE /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/dist/arith
6092 INFO: Fixing EXE for code signing /Users/minghaoliu/Desktop/CSE210A/cse210A-asgtest/cse210A-asgtest-hw1-arith/dist/arith
6094 INFO: Building EXE from EXE-00.toc completed successfully.
mv dist/arith .
rm -fr build/
rm -fr dist/
rm -fr __pycache__/
rm *.spec
✓ easy-1
✓ easy-2
✓ easy-3
✓ easy-4
✓ easy-5
✓ easy-6
✓ easy-7
✓ easy-8
✓ easy-9
✓ easy-10
✓ easy-11
✓ easy-12
✓ easy-13
✓ easy-14
✓ easy-15
✓ easy-16
✓ easy-17
✓ easy-18
✓ easy-19
✓ easy-20
✓ medium-1
✓ medium-2
✓ medium-3
```

```
✓ easy-1
✓ easy-2
✓ easy-3
✓ easy-4
✓ easy-5
✓ easy-6
✓ easy-7
✓ easy-8
✓ easy-9
✓ easy-10
✓ easy-11
✓ easy-12
✓ easy-13
✓ easy-14
✓ easy-15
✓ easy-16
✓ easy-17
✓ easy-18
✓ easy-19
✓ easy-20
✓ medium-1
✓ medium-2
✓ medium-3
✓ medium-4
✓ medium-5
✓ medium-6
✓ medium-7
✓ medium-8
✓ medium-9
✓ medium-10

30 tests, 0 failures
```

These are the screen shots I have when I run the code on my end.