Wilson Li Summary

easytocode.py:
BUG - Cannot use floating point numbers because use of '.' is prohibitted.

potentiallyhackablesandbox.py:
ESCAPE - simple.file (run python potentiallyhackablesandbox.py)

a-sandbox.py:
BUG - Cannot use floating point numbers because use of '.' is not allowed.

ceinfo:
BUG - Cannot use floating point numbers because it only creates integers
BUG - Not Turing complete because cannot perform division
CRASH - outOfBounds.dat (run java TuringTest outOfBounds.dat)

crimsonBeard:
CRASH - noExit.pysm (run python sandbox.py noExit.pysm)
CRASH/BUG - prntVars.pysm (run python sandbox.py prntVars.pysm)
BUG - You can use a number as a variable but computations use the number itself instead of the value stored in the variable.

fjm266:
ESCAPE - escapefjm.py (run python sandbox.py escapefjm.py)

kellender:
BUG - Programs passed to the sandbox will never get executed because execve is incorrectly called. The second argument to the function requires array of argv.
BUG - Forked processes do not terminate.

mramdass:
ESCAPE - escapemramdass.py (run python sandbox.py escapemramdass.py)

PankajMoolrajani:
BUG - self.execute(filepath) is a function available for a program to run in the sandbox. Since the check of restricted words is normally done before this function is called, you can call this function passing in another code file which can run unrestricted code. The problem is that the sandbox restricts the word 'exec' which is contained in 'execute'. If there was a way to work around this, then the sandbox can be escaped by calling that function.