My test script for the assign 1 preliminary broke, and I discovered that it was because I was still using scam version 2.2a, which I downloaded at the beginning of the semester, while the test script was written based on version 2.2d.

In the future, could there be some notice when a new version of scam is available, and in particular, which version of scam we should have tested against before submitting assignments?

What broke?

How fmt works changed after version 2.2a. I had the line

```c
fmt("#%02X", val)
```

which is fine in 2.2a, but throws an exception in 2.2d because there is something in front of the %.

Sorry, forgot about that change. In a previous class student asked me to add that error check and when a student this semester asked for an addition to Scam, I compiled a new version. Unfortunately, Troll is my 64-bit machine, so I compiled the 64-bit version on troll (which also automatically installed the new version), which included all the changes from 2.2a.

Why can'tFmt be variadic like in C and also allow other stuff in the format string, like in C?
Because fmt is meant to be a number-to-string conversion function, not a printing function. However, I'll look into adding printf to Scam; Java finally did.

In version 2.2d, the scam interpreter is not working correctly on linux. The scam prompt and read line history are not working.

Apple master race.

Idsapp wrote on Mon, 12 September 2016 21:57In version 2.2d, the scam interpreter is not working correctly on linux. The scam prompt and read line history are not working.

lusth@goblin:~$ scam -v
scam version 2.2d
lusth@goblin:~$ scam
Welcome to the Scam Interpreter! To exit, enter <Ctl>-D, q, or quit
scam> 3
3
scam> 3
3 Up arrow for the second 3.

Apparently not all linuxes. On what system are you seeing this behavior?
Is it a 64-bit system? I see this behavior on troll, which is 64-bits. You can roll back to 2.2a:

wget beastie.cs.ua.edu/scam/scam-2.2a-amd64.tgz

Subject: Re: Scam Versions
Posted by lusth on Tue, 13 Sep 2016 11:13:27 GMT

For some reason, on troll (where I compile the 64-bit version of scam), the interactive flag was not set and readline was not being used. I've recompiled 2.2d and uploaded it. Interactivity should work now.