

1. No, there is not because there is a syntax error. Once fixed, the program contained no memory errors, therefore there are no dangerous leaks.
2. Yes, the two commands produce the same output, but use different processes.
3. The first argument is the same as the program name because it is telling the OS what the path to the executable is.
4. If a program tries reading from an empty pipe it will block until data is available.
5. Yes, there is a maximum buffer size which is dependent upon the platform in use.