So, when I print out postfix notation, the integers behave rather oddly.

For example, if I were to enter

\[ 1 + 3 - 4 \]

I would get

\[ 1 \text{(null)} \ 3 \text{(null)} \ 4 \text{(null)} \ - + \]

At first I thought this might be a problem with the fact that I was originally passing things by strings, but I've since fixed that (very, very early on) and the problem persists.

If it works without the -d option (i.e. you get zero for the expression above), then I suspect your function for printing out integer values is suspect or you have extra things on your queue. Try printing with angle brackets around your integers. Do you get:

\[ <1\text{(null)}> <3\text{(null)}> <4\text{(null)}> - + \]

or

\[ <1\text{(null)}> <3\text{(null)}> <4\text{(null)}> - + \]

I get the former, which confuses me even further as there isn't anything similar for the other types of input.

If you try to print a null pointer (such as a null sval), C will print "(null)". Your output makes me
think you have extra things on your queue with null fields.

This is fair enough. I'll give it a second look.

EDIT: Turns out I did have something tagging along. After being more specific with what gets printed, it seems to be fixed. Thanks!