

Visual Studio interface showing the SchemeEmulator.cpp file and the Microsoft Visual Studio Debug Console.

SchemeEmulator.cpp (Global Scope):

```
30 prDq(interpreter(cmdInput("(cdr(cdr(cdr(cdr'(r s t u))))")))(t)
31 prDq(interpreter(cmdInput("(car(cdr(car'((r s)(t v))))")))); ()
32 prDq(interpreter(cmdInput("(cons'(rs)'((tu)))))); (s)
33 prDq(interpreter(cmdInput("(car(car'(r))'(s t u v w x))))); (r)
34 prDq(interpreter(cmdInput("(cons(car'(rvs))(cdr'(t x)))))); (r(cdr'(tx)))
35
36 //trying to get (sijk)
37 string given = "(abcd)(ef(gsh(ijk)l)mn)op";
38 //prDq(interpreter(cmdInput("(cons(car(cdr(cdr(cdr(" + given
39 //breaks from mem access issues
40 }
41
42 //toolbox
43 deque<char> cmdInput(string x) {
44     //load string into deque
45     deque<char> cmd;
```

Microsoft Visual Studio Debug Console:

```
(stz)
(s)
(s)
((rs)'((tu)))
(r)
(r(cdr'(tx)))

C:\Users\User\Documents\CS 414\SchemeEmulator\Debug\SchemeEmulator.
exe (process 9440) exited with code 0.
To automatically close the console when debugging stops, enable Too
ls->Options->Debugging->Automatically close the console when debugg
ing stops.
Press any key to close this window . . .
```

Output:

Show output from: Debug

```
SchemeEmulator.exe (Win32): Loaded 'C:\Windows\System32\kernel.appcore.dll'.
'SchemeEmulator.exe' (Win32): Loaded 'C:\Windows\System32\msvcrt.dll'.
'SchemeEmulator.exe' (Win32): Loaded 'C:\Windows\System32\RPCRT4.dll'.
The thread 0x34d0 has exited with code 0 (0x0).
The thread 0x38c4 has exited with code 0 (0x0).
The program '[9440] SchemeEmulator.exe' has exited with code 0 (0x0).
```

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