



## Lab #9

Chapter 9:

# A Programmable Shell: Variables and the Environment

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# Lab #9: `smsh4`

- Write code on Slides 52-58.
  - (But you need to try to develop `smsh1`, `smsh2`, and `smsh3` for `smsh4`.)
- Submission
  - Executable: `smsh4`
  - Source code files
    - `smsh4.c`, `splitline.c`, `execute2.c`, `process2.c`, `controlflow.c`, `builtin.c`, and `varlib.c`.

# Lab #9: Submission

- Deadline: **Friday Midnight** (11:59:59 pm) (05/05/2023)
  - Create a directory named `lab9_s<StudentID>`.
  - Copy all the source and executable code into that directory.
  - Zip the directory and name it like: `lab9_s2021112544.zip`.
  - Upload your zip file into LMS.