Minishell Signals Checklist

This checklist covers the implementation of signal handling in Minishell.

It ensures proper user experience when receiving signals like SIGINT (Ctrl-C) and SIGQUIT (Ctrl-\),

both during prompt input and command execution.

[ ]   Initialize signal handlers at program start

[ ]   Use sigaction to handle SIGINT (Ctrl-C)

[ ]   Use sigaction to handle SIGQUIT (Ctrl-\)

[ ]   Ignore or handle SIGTSTP (optional)

[ ]   Implement sigint_handler():

   [ ] Interrupt current prompt input

   [ ] Display a new prompt

   [ ] Reset input buffer if needed

[ ]   Implement sigquit_handler():

   [ ] Ignore or handle with custom message

[ ]   Disable terminal echo control with disable_echoctl()

   [ ] Prevent ^C and ^\ from printing to terminal

[ ]   Restore terminal settings on exit

[ ]   During heredoc:

   [ ] Handle SIGINT to abort heredoc input cleanly

   [ ] Prevent crash or memory leak on interruption

[ ]   During command execution (fork):

   [ ] Restore default signal behavior in child process

   [ ] Prevent prompt signals from affecting child execution

Use this checklist to ensure signal handling is user-friendly and robust.