



---minishell manuel testler---

- echo hello world
- echo "hello world"
- echo 'hello world'
- echo hello'world'
- echo hello""world
- echo "
- echo "\$PWD"
- echo '\$PWD'
- echo "aspas ->""
- echo "aspas -> ' "
- echo 'aspas ->""
- echo 'aspas -> " '
- echo "> >> < * ? [] | ; [] || && () & # \$ \ <<"
- echo '> >> < * ? [] | ; [] || && () & # \$ \ <<'
- echo "exit_code ->\$? user ->\$USER home -> \$HOME"
- echo 'exit_code ->\$? user ->\$USER home -> \$HOME'
- echo "\$"
- echo '\$'
- echo \$
- echo \$?

- echo \$?HELLO
- pwd
- pwd oi
- export hello
- export HELLO=123
- export A-
- export HELLO=123 A
- export HELLO="123 A-"
- export hello world
- export HELLO-=123
- export =
- export 123
- unset
- unset HELLO
- unset HELLO1 HELLO2
- unset HOME
- unset PATH
- unset SHELL
- cd \$PWD
- cd \$PWD hi

- cd 123123
- exit 123
- exit 298
- exit +100
- exit "+100"
- exit +"100"
- exit -100
- exit "-100"
- exit -"100"
- exit hello
- exit 42 world
- env | sort | grep -v SHLV_L | grep -v ^_
- cat ./test_files/infile_big | grep oi
- cat minishell.h | grep ");"\$
- export GHOST=123 | env | grep GHOST

- |
- | echo oi
- ||
- | \$
- | >
- >
- >>
- >>>
- <
- <<
- echo hi <
- cat <| ls
- echo hi | >
- echo hi | > >>
- echo hi | < |
- echo hi | |
- echo hi | "|"

- # Prints without a new line
- echo -n hello
-
- # update env variable value
- export HELLO=123
- export HELLO="beautiful world"
-
- # keep track of OLDPWD
- cd obj
- echo \$PWD \$OLDPWD
-
- # invalid command, followed by empty input, should keep the exit code
- doesntexist
-
- echo \$?
-
- #invalid command, followed by empty variable, should clear the exit code
- doesntexist
- \$EMPTY
- echo \$?

- # Check if there isn't a zombie process called `cat`
- `echo "hi" | cat | cat | cat | cat | cat | cat | cat`
- `ps -a`
-
- # Should skip the empty argument, and print hello after spaces
- `echo - "" " " hello`
-
- # Neither of these unsets should break the shell, and you should still be able to call `/bin/l\$`
- `unset USER`
- `unset PATH`
- `unset PWD`
- `/bin/l$`
-
- # This should not change the current directory
- `cd .. hi`
-
- # Empty `cd` moves to home
- `cd`

- cat <<HEREDOC
- oi
- HEREDOC
-
- cat <<HERE <<DOC
- oi
- HERE
- time
- DOC
-
- cat <<HERE | ls
- oi
- HERE
-
- cat <<HERE
- \$USER
- oi
- HERE

- cat <minishell.h <<HERE <missing | ls
- HERE
-
- cat <minishell.h <<HERE | cat
- HERE
-
- cat <minishell.h <<HERE <missing <<DOC | echo oi
- HERE
- DOC
-
- cat << \$
- oi
- \$
-
- << echo oi
- echo

- CTRL+C
- CTRL+D
- CTRL+\
- CTRL+C, CTRL+C, CTRL+C, exit
- CTRL+C, CTRL+C, CTRL+C, Ctrl+D
-
- cat | ls # testar dando depois:
- #- Enter
- #- Ctrl+D
- #- Ctrl+\
- #- Ctrl+C
-
- grep oi | ls # testar dando depois:
- #- Enter + Ctrl+D
- #- Ctrl+D
- #- "oi" + Enter + Ctrl+D
- #- Ctrl+\
- #- Ctrl+C
- #- "oi" + Enter + Ctrl+\

- ./test_files/loop.out # finalizar com:
- #- Ctrl+C
- #- Ctrl+\ -> workspaces: ^\Quit\n
- #- Ctrl+D -> não faz nada
-
- ./test_files/loop.out | ls
- # finalizar com:
- #- Ctrl+C
- #- Ctrl+\
- #- Ctrl+D
-
- ls | ./test_files/loop.out
- # finalizar com:
- #- Ctrl+C
- #- Ctrl+\
- #- Ctrl+D
-
- hello + Ctrl+C
- # Check that the new line is empty

- `grep hi <./test_files/infile`
- `grep hi "<infile" < ./test_files/infile`
- `echo hi < ./test_files/infile bye bye`
- `grep hi <./test_files/infile_big <./test_files/infile`
- `echo <"./test_files/infile" "bonjour 42"`
- `cat <"./test_files/file name with spaces"`
- `cat <./test_files/infile_big ./test_files/infile`
- `cat <"1""2""3""4""5"`
- `echo <"./test_files/infile" <missing <"./test_files/infile"`
- `echo <missing <"./test_files/infile" <missing`
- `cat <"./test_files/infile"`
- `echo <"./test_files/infile_big" | cat <"./test_files/infile"`
- `echo <"./test_files/infile_big" | cat "./test_files/infile"`
- `echo <"./test_files/infile_big" | echo <"./test_files/infile"`
- `echo hi | cat <"./test_files/infile"`
- `echo hi | cat "./test_files/infile"`
- `cat <"./test_files/infile" | echo hi`
- `cat <"./test_files/infile" | grep hello`
- `cat <"./test_files/infile_big" | echo hi`
- `cat <missing`

- `cat <missing | cat`
- `cat <missing | echo oi`
- `cat <missing | cat <"./test_files/infile"`
- `echo <123 <456 hi | echo 42`
- `ls >./outfiles/outfile01`
- `ls > ./outfiles/outfile01`
- `echo hi > ./outfiles/outfile01 bye`
- `ls >./outfiles/outfile01 >./outfiles/outfile02`
- `ls >./outfiles/outfile01 >./test_files/invalid_permission`
- `ls >"./outfiles/outfile with spaces"`
- `ls >"./outfiles/outfile""1""2""3""4""5"`
- `ls >"./outfiles/outfile01" >./test_files/invalid_permission >./outfiles/outfile02"`
- `ls >./test_files/invalid_permission >"./outfiles/outfile01" >./test_files/invalid_permission`
- `cat <"./test_files/infile" >"./outfiles/outfile01"`
- `echo hi >./outfiles/outfile01 | echo bye`
- `echo hi >./outfiles/outfile01 >./outfiles/outfile02 | echo bye`
- `echo hi | echo >./outfiles/outfile01 bye`
- `echo hi | echo bye >./outfiles/outfile01 >./outfiles/outfile02`
- `echo hi >./outfiles/outfile01 | echo bye >./outfiles/outfile02`
- `echo hi >./outfiles/outfile01 >./test_files/invalid_permission | echo bye`

- `echo hi >./test_files/invalid_permission | echo bye`
- `echo hi >./test_files/invalid_permission >./outfiles/outfile01 | echo bye`
- `echo hi | echo bye >./test_files/invalid_permission`
- `echo hi | >./outfiles/outfile01 echo bye >./test_files/invalid_permission`
- `echo hi | echo bye >./test_files/invalid_permission >./outfiles/outfile01`
- `cat <"./test_files/infile" >./test_files/invalid_permission`
- `cat >./test_files/invalid_permission <"./test_files/infile"`
- `cat <missing >./outfiles/outfile01`
- `cat >./outfiles/outfile01 <missing`
- `cat <missing >./test_files/invalid_permission`
- `cat >./test_files/invalid_permission <missing`
- `cat >./outfiles/outfile01 <missing >./test_files/invalid_permission`
- `ls >>./outfiles/outfile01`
- `ls >> ./outfiles/outfile01`
- `ls >>./outfiles/outfile01 >./outfiles/outfile01`
- `ls >./outfiles/outfile01 >>./outfiles/outfile01`
- `ls >./outfiles/outfile01 >>./outfiles/outfile01 >./outfiles/outfile02`
- `ls >>./outfiles/outfile01 >>./outfiles/outfile02`
- `ls >>./test_files/invalid_permission`
- `ls >>./test_files/invalid_permission >>./outfiles/outfile01`

- `ls >>./outfiles/outfile01 >>./test_files/invalid_permission`
- `ls >./outfiles/outfile01 >>./test_files/invalid_permission >>./outfiles/outfile02`
- `ls <missing >>./test_files/invalid_permission >>./outfiles/outfile02`
- `ls >>./test_files/invalid_permission >>./outfiles/outfile02 <missing`
- `echo hi >>./outfiles/outfile01 | echo bye`
- `echo hi >>./outfiles/outfile01 >>./outfiles/outfile02 | echo bye`
- `echo hi | echo >>./outfiles/outfile01 bye`
- `echo hi | echo bye >>./outfiles/outfile01 >>./outfiles/outfile02`
- `echo hi >>./outfiles/outfile01 | echo bye >>./outfiles/outfile02`
- `echo hi >>./test_files/invalid_permission | echo bye`
- `echo hi >>./test_files/invalid_permission >./outfiles/outfile01 | echo bye`
- `echo hi | echo bye >>./test_files/invalid_permission`
- `echo hi | echo >>./outfiles/outfile01 bye >./test_files/invalid_permission`
- `cat <minishell.h>./outfiles/outfile`
- `cat <minishell.h>ls`