|  |                  |                     |            |  |       |  |  | 1 |  |  |  | <br> |
|--|------------------|---------------------|------------|--|-------|--|--|---|--|--|--|------|
| TECT   |                  |                     |            | COMPORTEMENT ATTEMPLY  | Natar |  |  |   |  |  |  |      |
| TEST   | A faire A tester | Leaks ? Exit status | Fonctionne | COMPORTEMENT ATTENDU   | Notes |  |  |   |  |  |  |      |
| \n (touche entrée)                           |                  |                     |            | \$>  |       |  |  |   |  |  |  |      |
| [que des espaces] [que des tabulations]      |                  |                     |            |  |       |  |  |   |  |  |  |      |
| :  |                  |                     |            |  |       |  |  |   |  |  |  |      |
| >  |                  |                     |            | bash: syntax error near<br>unexpected token `newline'          |       |  |  |   |  |  |  |      |
| >>   |                  |                     |            | unexpected token newtine<br>\$>                                |       |  |  |   |  |  |  |      |
| «<   |                  |                     |            |  |       |  |  |   |  |  |  |      |
| >>>>   |                  |                     |            | bash: syntax error near<br>unexpected token '>>'               |       |  |  |   |  |  |  |      |
| >>>>>>>>                                     |                  |                     |            | bash: syntax error near  |       |  |  |   |  |  |  |      |
|  |                  |                     |            | unexpected token '>>'<br>\$>                                   |       |  |  |   |  |  |  |      |
| ******                                       |                  |                     |            | bash: syntax error near<br>unexpected token `<<'<br>\$>        |       |  |  |   |  |  |  |      |
| ***************************************      |                  |                     |            | bash: syntax error near<br>unexpected token '<<'               |       |  |  |   |  |  |  |      |
| >>>  |                  |                     |            | bash: syntax error near<br>unexpected token '>'                |       |  |  |   |  |  |  |      |
| >> >> >>                                     |                  |                     |            | bash: syntax error near  |       |  |  |   |  |  |  |      |
| >>>> >>>                                     |                  |                     |            | unexpected token `>>'<br>\$>                                   |       |  |  |   |  |  |  |      |
| 3333 33 33 33                                |                  |                     |            | bash: syntax error near<br>unexpected token `>>'<br>\$>        |       |  |  |   |  |  |  |      |
| /  |                  |                     |            | bash: /: Is a directory<br>\$>                                 |       |  |  |   |  |  |  |      |
| /  |                  |                     |            | bash: //: Is a directory<br>\$>                                |       |  |  |   |  |  |  |      |
|  |                  |                     |            | bash: /.: Is a directory<br>\$><br>bash: /.///: Is a directory |       |  |  |   |  |  |  |      |
| 1111111                                      |                  |                     |            | \$><br>bash: /////: Is a directory                             |       |  |  |   |  |  |  |      |
|  |                  |                     |            | S> bash: -: command not found                                  |       |  |  |   |  |  |  |      |
|  |                  |                     |            | \$><br>bash: syntax error near<br>unexpected token ` '         |       |  |  |   |  |  |  |      |
| hola   |                  |                     |            | bash: syntax error near  |       |  |  |   |  |  |  |      |
|  |                  |                     |            | unexpected token ` '<br>\$>                                    |       |  |  |   |  |  |  |      |
|  |                  |                     |            | bash: syntax error near<br>unexpected token ` '<br>\$>         |       |  |  |   |  |  |  |      |
| П  |                  |                     |            | bash: syntax error near<br>unexpected token '  '               |       |  |  |   |  |  |  |      |
| Ш  |                  |                     |            | bash: syntax error near<br>unexpected token `  '               |       |  |  |   |  |  |  |      |
| 11111111111                                  |                  |                     |            | \$>  |       |  |  |   |  |  |  |      |
|  |                  |                     |            | bash: syntax error near<br>unexpected token `  '<br>\$>        |       |  |  |   |  |  |  |      |
| 22/24  |                  |                     |            | bash: syntax error near<br>unexpected token ` '<br>\$>         |       |  |  |   |  |  |  |      |
| 88   |                  |                     |            | bash: syntax error near<br>unexpected token '&&'               |       |  |  |   |  |  |  |      |
| 88888  |                  |                     |            | bash: syntax error near<br>unexpected token `&&'               |       |  |  |   |  |  |  |      |
| 888888888888                                 |                  |                     |            | \$> bash: syntax error near unexpected token `&&'              |       |  |  |   |  |  |  |      |
| "hol a"                                      |                  |                     |            | unexpected token &&' \$> bash: hola: command not found         |       |  |  |   |  |  |  |      |
| hola'  |                  |                     |            | \$> bash: hola: command not found                              |       |  |  |   |  |  |  |      |
| hola   |                  |                     |            | \$><br>bash: hola: command not found                           |       |  |  |   |  |  |  |      |
| hola que tal                                 |                  |                     |            | bash: hola: command not found<br>S>                            |       |  |  |   |  |  |  |      |
| Makefile                                     |                  |                     |            | bash: Makefile: command not found<br>\$>                       |       |  |  |   |  |  |  |      |
| echo   |                  |                     |            | \$>  |       |  |  |   |  |  |  |      |
| echo -n<br>echo Hola                         |                  |                     |            | \$><br>Hola  |       |  |  |   |  |  |  |      |
| echoHola                                     |                  |                     |            | \$><br>bash: echoHola: command not found                       |       |  |  |   |  |  |  |      |
| echo-nHola                                   |                  |                     |            | 5><br>bash: echo-nHola: command not found<br>\$>               |       |  |  |   |  |  |  |      |
| echo -n Hola<br>echo "-n" Hola               |                  |                     |            | Hola\$>  |       |  |  |   |  |  |  |      |
| echo -nHola                                  |                  |                     |            | -nHola<br>\$>  |       |  |  |   |  |  |  |      |
| echo Hola -n                                 |                  |                     |            | Hola -n<br>\$>   |       |  |  |   |  |  |  |      |
| echo Hola Que Tal                            |                  |                     |            | Hola Que Tal<br>\$>  |       |  |  |   |  |  |  |      |
| echo Hola Que Tal                            |                  |                     |            | Hola<br>\$><br>Hola Que Tal                                    |       |  |  |   |  |  |  |      |
| echo \n hola                                 |                  |                     |            | nota que lat<br>\$><br>n hola                                  |       |  |  |   |  |  |  |      |
| echo " "   cat -e                            |                  |                     |            | \$>  |       |  |  |   |  |  |  |      |
| echo   cat -e                                |                  |                     |            | \$<br>\$<br>\$>  |       |  |  |   |  |  |  |      |
| ""''echo hola""''' que""'' tal""''           |                  |                     |            | \$><br>\$>   |       |  |  |   |  |  |  |      |
| echo -n -n<br>echo -n -n Hola Que            |                  |                     |            | S><br>Hola Que\$>  |       |  |  |   |  |  |  |      |
| echo -p                                      |                  |                     |            | -p<br>\$>  |       |  |  |   |  |  |  |      |
| echo -nnnnn<br>echo -n -nnn -nnnn            |                  |                     |            | \$><br>\$>   |       |  |  |   |  |  |  |      |
| echo -n-nnn -nnnn                            |                  |                     |            | -n-nnn -nnnn<br>S>   |       |  |  |   |  |  |  |      |
| echo -n -nnn hola -nnnn<br>echo -n -nnn-nnnn |                  |                     |            | hola -nnnn\$>  |       |  |  |   |  |  |  |      |
| echon  |                  |                     |            | -nnn-nnnn5><br>n   |       |  |  |   |  |  |  |      |
| echo -nnnn<br>echo -nnnnnnn                  |                  |                     |            | 5><br>n\$>   |       |  |  |   |  |  |  |      |
| echo -nnnnnnn                                |                  |                     |            | nnnn\$><br>  |       |  |  |   |  |  |  |      |
| echo \$                                      |                  |                     |            | \$ \$>   |       |  |  |   |  |  |  |      |
| echo \$?                                     |                  |                     |            | 8<br>\$>   |       |  |  |   |  |  |  |      |
| echo \$?\$ echo \$?   echo \$?   echo \$?    |                  |                     |            | 05<br>5><br>0  |       |  |  |   |  |  |  |      |
|  |                  |                     |            | \$>  |       |  |  |   |  |  |  |      |

|   |                  |                     |            |  |       |  |  |  | 1 | <br> |  |     |
|---|------------------|---------------------|------------|--|-------|--|--|--|---|------|--|-----|
|   |                  |                     |            |  |       |  |  |  |   |      |  | ( l |
| TEST  | A faire A tester | Leaks ? Exit status | Fonctionne | COMPORTEMENT ATTENDU   | Notes |  |  |  |   |      |  | 1   |
| anha Cafa Lanta a   |                  |                     |            | \$:\$=\$   |       |  |  |  |   |      |  |     |
| echo \$:\$=   cat -e  |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo " \$ "   cat -e  |                  |                     |            | \$ \$<br>\$>   |       |  |  |  |   |      |  |     |
| echo ' \$ '   cat -e  |                  |                     |            | \$ \$<br>\$>   |       |  |  |  |   |      |  |     |
| echo \$HOME   |                  |                     |            | /home/vietdu91<br>\$>  |       |  |  |  |   |      |  |     |
| echo \\$HOME  |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo my shit terminal is [\$TERM]   |                  |                     |            | my shit terminal is [xterm-256color]<br>\$>  |       |  |  |  |   |      |  |     |
| echo my shit terminal is [\$TERM4   |                  |                     |            | my shit terminal is [<br>\$>   |       |  |  |  |   |      |  |     |
| echo my shit terminal is [\$TERM4]  |                  |                     |            | my shit terminal is []<br>\$>  |       |  |  |  |   |      |  |     |
| echo \$UID  |                  |                     |            | 1000<br>\$>  |       |  |  |  |   |      |  |     |
| echo \$HOME9  |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo \$9HOME  |                  |                     |            | HOME<br>\$>  |       |  |  |  |   |      |  |     |
| echo \$HOME%  |                  |                     |            | /home/vietdu91%<br>\$>   |       |  |  |  |   |      |  |     |
| echo \$UID\$HOME  |                  |                     |            | 1000/home/vietdu91%<br>\$>   |       |  |  |  |   |      |  |     |
| echo Le path de mon HOME est \$HOME   |                  |                     |            | Le path de mon HOME est /home/vietdu91<br>\$>  |       |  |  |  |   |      |  |     |
| echo \$USER\$var\\$USER\$USER\\$USERtest\$USER  |                  |                     |            | vietdu91\$USERvietdu91\$USERtestvietdu91<br>\$>  |       |  |  |  |   |      |  |     |
| echo \$hola*  |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo -nnnn \$hola<br>echo > <   |                  |                     |            | \$> bash: syntax error near unexpected token '<'   |       |  |  |  |   |      |  |     |
| echo  |                  |                     |            | bash: syntax error near unexpected token <- \$> bash: syntax error near unexpected token ' '           |       |  |  |  |   |      |  |     |
| EechoE  |                  |                     |            | bash: EechoE: command not found  |       |  |  |  |   |      |  |     |
| echo.   |                  |                     |            | bash: .echo.: command not found bash: .echo.: command not found  |       |  |  |  |   |      |  |     |
| >echo>  |                  |                     |            | bash: setio.: command not round<br>\$><br>bash: syntax error near unexpected token `newline'           |       |  |  |  |   |      |  |     |
| <echo<< td=""><td></td><td></td><td></td><td>bash: syntax error near unexpected token 'newitine' bash: syntax error near unexpected token 'newline'</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></echo<<> |                  |                     |            | bash: syntax error near unexpected token 'newitine' bash: syntax error near unexpected token 'newline' |       |  |  |  |   |      |  |     |
| >>echo>>  |                  |                     |            | bash: syntax error near unexpected token 'newline' bash: syntax error near unexpected token 'newline'  |       |  |  |  |   |      |  |     |
| echo  |                  |                     |            | bash: syntax error near unexpected token 'newline' \$> bash: syntax error near unexpected token ' '    |       |  |  |  |   |      |  |     |
| echo -n hola  |                  |                     |            | bash: syntax error near unexpected token   '   |       |  |  |  |   |      |  |     |
| echo \$""   |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo "\$"""   |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo '\$'''   |                  |                     |            | \$>  |       |  |  |  |   |      |  |     |
| echo \$"HOME"   |                  |                     |            | \$><br>!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  |       |  |  |  |   |      |  |     |
| echo \$''HOME   |                  |                     |            | NOME<br>\$>  |       |  |  |  |   |      |  |     |
| echo \$""HOME   |                  |                     |            | 10ME<br>\$>  |       |  |  |  |   |      |  |     |
| echo "\$HO"ME   |                  |                     |            | NOTE \$>   |       |  |  |  |   |      |  |     |
|   |                  |                     |            | S>   |       |  |  |  |   |      |  |     |
| echo "\$H0"ME<br>echo "\$H0""ME"  |                  |                     |            | 55<br>5>   |       |  |  |  |   |      |  |     |
| echo '\$HO''ME'   |                  |                     |            | \$><br>SUDME   |       |  |  |  |   |      |  |     |
| echo "'\$H0''ME'"   |                  |                     |            | \$><br>************************************  |       |  |  |  |   |      |  |     |
| echo ""\$HOME   |                  |                     |            | \$> /home/vi.etdu91  |       |  |  |  |   |      |  |     |
| echo "" \$HOME  |                  |                     |            | \$><br>/home/vietdu91  |       |  |  |  |   |      |  |     |
| echo ''\$HOME   |                  |                     |            | \$><br>/home/vietdu91  |       |  |  |  |   |      |  |     |
| echo '' \$HOME  |                  |                     |            | \$> /home/vietdu91   |       |  |  |  |   |      |  |     |
| echo \$"HO""ME"   |                  |                     |            | \$><br>HOME  |       |  |  |  |   |      |  |     |
| echo \$'HO''ME'   |                  |                     |            | \$><br>HOME  |       |  |  |  |   |      |  |     |
| echo \$'HOME'   |                  |                     |            | \$><br>HOME  |       |  |  |  |   |      |  |     |
| echo "\$"HOME   |                  |                     |            | \$><br>\$HOME  |       |  |  |  |   |      |  |     |
| echo \$=HOME  |                  |                     |            | \$><br>\$=HOME   |       |  |  |  |   |      |  |     |
| echo \$"H0LA"   |                  |                     |            | \$><br>HOLA  |       |  |  |  |   |      |  |     |
| echo \$'HOLA'   |                  |                     |            | HOLA   |       |  |  |  |   |      |  |     |
| echo \$DONTEXIST Hola   |                  |                     |            | Hola   |       |  |  |  |   |      |  |     |
| echo "hola"   |                  |                     |            | hola   |       |  |  |  |   |      |  |     |
| echo 'hola'   |                  |                     |            | hola   |       |  |  |  |   |      |  |     |
| echo ''hola''   |                  |                     |            | hola   |       |  |  |  |   |      |  |     |
| echo ''h'o'la''   |                  |                     |            | hola e   |       |  |  |  |   |      |  |     |
| echo "''h'o'la''"   |                  |                     |            | \$><br>'h'o'la''   |       |  |  |  |   |      |  |     |
| echo "'"h'o'la"'"   |                  |                     |            | hola'  |       |  |  |  |   |      |  |     |
| echo"'hola'"  |                  |                     |            | bash: echo'hola': command not found  |       |  |  |  |   |      |  |     |
| echo "'hola'"   |                  |                     |            | \$><br>'hola'<br>\$>   |       |  |  |  |   |      |  |     |
| echo '"hola"'   |                  |                     |            | "hola"<br>S>   |       |  |  |  |   |      |  |     |
| echo '''ho"'''l"a'''  |                  |                     |            | ho"l"a<br>S>   |       |  |  |  |   |      |  |     |
| echo hola"""""""""  |                  |                     |            | hola<br>S>   |       |  |  |  |   |      |  |     |
| echo hola"''''  |                  |                     |            | hola'''''  |       |  |  |  |   |      |  |     |
| echo hola''''   |                  |                     |            | hola<br>S>   |       |  |  |  |   |      |  |     |
| echo hola'""""""""""""""""""""""""""""""""""""  |                  |                     |            | hola""""""""""""""""""""""""""""""""""""   |       |  |  |  |   |      |  |     |
| e"cho hola"   |                  |                     |            | 5><br>bash: echo hola: command not found<br>5>   |       |  |  |  |   |      |  |     |
| e'cho hola'   |                  |                     |            | bash: echo hola: command not found   |       |  |  |  |   |      |  |     |
| echo "hola "   cat -e   |                  |                     |            | hola \$  |       |  |  |  |   |      |  |     |
| echo ""hola   |                  |                     |            | hola<br>5>   |       |  |  |  |   |      |  |     |
| echo "" hola  |                  |                     |            | hola<br>S>   |       |  |  |  |   |      |  |     |
| echo "" hola  |                  |                     |            | hola<br>S>   |       |  |  |  |   |      |  |     |
| echo ""hola   |                  |                     |            | hola<br>\$>  |       |  |  |  |   |      |  |     |
| echo "" hola  |                  |                     |            | hola   |       |  |  |  |   |      |  |     |

| TEST   | A faire A tester Leaks? | Exit status Fonctionne | COMPORTEMENT ATTENDU  | Notes |  |  |  |  |  |  |  |
|--|-------------------------|------------------------|---|-------|--|--|--|--|--|--|--|
| echo hola""bonjour "e"'c'ho 'b'"o"nj"o"'u'r  |                         |                        | holabonjour<br>\$><br>bonjour   |       |  |  |  |  |  |  |  |
| ""e"'c'ho 'b'"o"nj"o"'u'r"   |                         |                        | bash: e'c'ho 'b'onjo'u'r: command not found<br>\$>  |       |  |  |  |  |  |  |  |
| echo "\$DONTEXIST"Makefile  echo "\$DONTEXIST""Makefile"   |                         |                        | Makefile<br>\$><br>Makefile   |       |  |  |  |  |  |  |  |
| echo "\$DONTEXIST" "Makefile"  |                         |                        | S><br>Makefile<br>S>  |       |  |  |  |  |  |  |  |
| \$?<br>\$?\$?  |                         |                        | bash: 0: command not found<br>\$><br>bash: 00: command not found  |       |  |  |  |  |  |  |  |
| ?\$HOME  |                         |                        | bash: ?/home/vietdu91: command not found<br>\$>   |       |  |  |  |  |  |  |  |
| \$ SHOME   |                         |                        | bash: \$: command not found<br>\$><br>bash: /home/vietdu91: Is a directory  |       |  |  |  |  |  |  |  |
| \$HOMEdskjhfkdshfsd<br>"\$HOMEdskjhfkdshfsd"   |                         |                        | \$><br>\$><br>bash: : command not found   |       |  |  |  |  |  |  |  |
| \$HOMEdskjhfkdshfsd'   |                         |                        | \$> bash: \$HOMEsddfddfssfdfs: command not found \$>  |       |  |  |  |  |  |  |  |
| \$DONTEXIST<br>\$LESS\$VAR   |                         |                        | bash: -R: command not found   |       |  |  |  |  |  |  |  |
| Ctlr-C   |                         |                        | ^C  |       |  |  |  |  |  |  |  |
| cat (faire Ctlr-C apres avoir fait plusieurs fois [ENTREE])  |                         |                        | \$>   |       |  |  |  |  |  |  |  |
|  |                         |                        | ^C<br>\$>   |       |  |  |  |  |  |  |  |
| cat   rev(faire Ctlr-C apres avoir fait plusieurs fois [ENTREE])   |                         |                        | AC .  |       |  |  |  |  |  |  |  |
| Ctlr-D   |                         |                        | exit ~/minishell \$>  |       |  |  |  |  |  |  |  |
| hola Ctlr-D<br>Ctlr-\  |                         |                        | hola \$>  |       |  |  |  |  |  |  |  |
| hola Ctlr-\ cat (faire Ctlr-\ apres avoir fait plusieurs fois [ENTREE])  |                         |                        | hola  |       |  |  |  |  |  |  |  |
|  |                         |                        | ^\Quit (core dumped)<br>\$>   |       |  |  |  |  |  |  |  |
| sleep 3   sleep 3   sleep 3 (faire Ctlr-C une<br>seconde apres)<br>sleep 3   sleep 3   sleep 3 (faire Ctlr-D une<br>seconde apres) |                         |                        | ^C<br>\$><br>\$>  |       |  |  |  |  |  |  |  |
| seconde apres) sleep 3   sleep 3   sleep 3 (faire Ctlr-\ une seconde apres)  |                         |                        | ^\Quit (core dumped)<br>\$>   |       |  |  |  |  |  |  |  |
| env  |                         |                        | PATH=<br>\$>  |       |  |  |  |  |  |  |  |
| export HOLA=bonjour<br>env<br>export HOLA=bonjour  |                         |                        | HOLA=bonjour<br>\$>   |       |  |  |  |  |  |  |  |
| env  |                         |                        | HOLA=bonjour<br>\$>   |       |  |  |  |  |  |  |  |
| export Hola  |                         |                        | export PATH=""<br>\$>   |       |  |  |  |  |  |  |  |
| export   |                         |                        | export HOME="/home/vietdu91" export Hola export PATH="" \$>   |       |  |  |  |  |  |  |  |
| export Hola9hey<br>export  |                         |                        | export HOME="/home/vietdu91" export Hola9hey export PATH=""   |       |  |  |  |  |  |  |  |
| export \$DONTEXIST   |                         |                        | export PAIH="" \$> export HOME="/home/vietdu91"   |       |  |  |  |  |  |  |  |
| export   grep "HOME"   |                         |                        | export PATH="" \$> export HOME="/home/vietdu91"   |       |  |  |  |  |  |  |  |
| export ""  |                         |                        | <pre>bash: export: `': not a valid identifier \$&gt;</pre>  |       |  |  |  |  |  |  |  |
| <pre>export = export %</pre>   |                         |                        | bash: export: '=': not a valid identifier<br>\$>  |       |  |  |  |  |  |  |  |
| export \$?   |                         |                        | bash: export: '%': not a valid identifier<br>\$><br>bash: export: `0': not a valid identifier                         |       |  |  |  |  |  |  |  |
| export ?=2   |                         |                        | bash: export: '?=2': not a valid identifier<br>\$>  |       |  |  |  |  |  |  |  |
| export 9H0LA=  export H0LA9=bonjour  |                         |                        | bash: export: '9HOLA=': not a valid identifier<br>\$>   |       |  |  |  |  |  |  |  |
| export _HOLA=bonjour   |                         |                        | HOLA9=bonjour<br>\$>  |       |  |  |  |  |  |  |  |
| exportHOLA=bonjour   |                         |                        | _HOLA=bonjour<br>\$><br>HOLA=bonjour  |       |  |  |  |  |  |  |  |
| export _H0_LA_=bonjour   |                         |                        | S><br>_HO_LA_=bonjour   |       |  |  |  |  |  |  |  |
| export HOL@=bonjour  |                         |                        | bash: export: 'HOL@=bonjour': not a valid identifier \$>  |       |  |  |  |  |  |  |  |
| export -HOLA=bonjour<br>exportHOLA=bonjour   |                         |                        | bash: export: -H: invalid option bash: export:: invalid option  |       |  |  |  |  |  |  |  |
| export HOLA-=bonjour export HO-LA=bonjour  |                         |                        | bash: export: `HOLA-=bonjour': not a valid identifier<br>\$><br>bash: export: `HO-LA=bonjour': not a valid identifier |       |  |  |  |  |  |  |  |
| export HOL.A=bonjour   |                         |                        | S> bash: export: `HOL.A=bonjour': not a valid identifier \$>  |       |  |  |  |  |  |  |  |
| export HOL}A=bonjour export HOL{A=bonjour  |                         |                        | bash: export: `HOL}A=bonjour': not a valid identifier<br>\$><br>bash: export: `HOL{A=bonjour': not a valid identifier |       |  |  |  |  |  |  |  |
| export HO*LA=bonjour   |                         |                        | bash: export: `HO*LA=bonjour': not a valid identifier \$>   |       |  |  |  |  |  |  |  |
| export HO@LA=bonjour<br>export HO@LA=bonjour   |                         |                        | bash: export: `HO#LA=bonjour': not a valid identifier<br>\$><br>bash: export: `HO@LA=bonjour': not a valid identifier |       |  |  |  |  |  |  |  |
| export H0!LA=bonjour<br>export H0\$?LA=bonjour   |                         |                        | bash: !LA=bonjour: event not found  |       |  |  |  |  |  |  |  |
| export +HOLA=bonjour   |                         |                        | HO0LA=bonjour<br>\$><br>bash: export: `+HOLA=bonjour': not a valid identifier   |       |  |  |  |  |  |  |  |
| export HOL+A=bonjour   |                         |                        | \$><br>bash: export: `HOL+A=bonjour': not a valid identifier<br>\$>   |       |  |  |  |  |  |  |  |

|   |                  |                     |            |  |       | 1 |  |  |  |  |  |  |
|---|------------------|---------------------|------------|--|-------|---|--|--|--|--|--|--|
| TEST  | A faire A tester | Leaks? Exit status  | Fonctionne | COMPORTEMENT ATTENDU   | Notes |   |  |  |  |  |  |  |
| 1231  | Atalie           | Leaks ? Exit status | Policionie | COMPORTEMENT ATTENDO   | Notes |   |  |  |  |  |  |  |
| export HOLA =bonjour  |                  |                     |            | bash: export: '=bonjour': not a valid identifier                                     |       |   |  |  |  |  |  |  |
| export HOLA = bonjour   |                  |                     |            | bash: export: '=': not a valid identifier  |       |   |  |  |  |  |  |  |
| export HOLA=bon jour<br>env   |                  |                     |            | HOLA=bon   |       |   |  |  |  |  |  |  |
| export HOLA= bonjour  |                  |                     |            | \$><br><br>HOLA=   |       |   |  |  |  |  |  |  |
| export HOLA=bonsoir   |                  |                     |            | \$>  |       |   |  |  |  |  |  |  |
| export HOLA=bonsoir<br>export HOLA=bonretour<br>export HOLA=bonjour<br>env  |                  |                     |            | HOLA=bonjour<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=\$HOME<br>env   |                  |                     |            | <br>HOLA=/home/vietdu91  |       |   |  |  |  |  |  |  |
| export HOLA=bonjour\$HOME   |                  |                     |            | <br>HOLA=bonjour/home/vietdu91   |       |   |  |  |  |  |  |  |
| export HOLA=\$HOMEbonjour   |                  |                     |            | \$>  |       |   |  |  |  |  |  |  |
| env export HOLA=bon\$jour   |                  |                     |            | HOLA=<br>\$>   |       |   |  |  |  |  |  |  |
| env   |                  |                     |            | HOLA=bon<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=bon@jour<br>env   |                  |                     |            | env<br><br>HOLA=bon@jour   |       |   |  |  |  |  |  |  |
| export HOLA=bon;jour  |                  |                     |            | \$><br>bash: jour: command not found   |       |   |  |  |  |  |  |  |
| env   |                  |                     |            | env<br><br>HOLA=bon  |       |   |  |  |  |  |  |  |
| export HOLA=bon!jour  |                  |                     |            | \$><br>bash: !jour: event not found  |       |   |  |  |  |  |  |  |
| export HOLA=bon"jour"   |                  |                     |            | <br>HOLA=bonjour   |       |   |  |  |  |  |  |  |
| export HOLA\$USER=bonjour   |                  |                     |            | PATH=<br>\$>   |       |   |  |  |  |  |  |  |
| env   |                  |                     |            | <br>HOLAvtetdu91=bonjour<br>PATH=  |       |   |  |  |  |  |  |  |
| export HOLA=bonjour=casse-toi<br>echo \$HOLA  |                  |                     |            | S><br>HOLA=bonjour=casse-toi<br>S>   |       |   |  |  |  |  |  |  |
| export "HOLA=bonjour"=casse-toi<br>echo \$HOLA  |                  |                     |            | HOLA=bonjour=casse-toi<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=bonjour<br>export BYE=casse-toi<br>echo \$HOLA et \$BYE   |                  |                     |            | bonjour et casse-toi<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=bonjour BYE=casse-toi<br>echo \$HOLA et \$BYE   |                  |                     |            | bonjour et casse-toi<br>\$>  |       |   |  |  |  |  |  |  |
| export A=a B=b C=c<br>echo \$A \$B \$C  |                  |                     |            |  |       |   |  |  |  |  |  |  |
| export \$HOLA=bonjour<br>env  |                  |                     |            | <br>onjour=bonjour<br>PATH=  |       |   |  |  |  |  |  |  |
| export HOLA="bonjour "<br>echo \$HOLA   cat -e  |                  |                     |            | \$><br>bonjour\$   |       |   |  |  |  |  |  |  |
| export HOLA=" -n bonjour "<br>echo \$HOLA   |                  |                     |            | bonjour\$>   |       |   |  |  |  |  |  |  |
| export HOLA="bonjour"/ echo \$HOLA  |                  |                     |            | bonjour /<br>\$>   |       |   |  |  |  |  |  |  |
| export HOLA='"' echo " \$HOLA "   cat -e  |                  |                     |            | " \$<br>\$><br>[cela affiche le Makefile]  |       |   |  |  |  |  |  |  |
| export HOLA=at<br>c\$HOLA Makefile<br>export "" HOLA=bonjour  |                  |                     |            | bash: export: `": not a valid identifier   |       |   |  |  |  |  |  |  |
| env   |                  |                     |            | env<br><br>HOLA=bonjour  |       |   |  |  |  |  |  |  |
| export HOLA="cat Makefile   grep NAME"<br>echo \$HOLA   |                  |                     |            | \$><br>cat Makefile   grep NAME  |       |   |  |  |  |  |  |  |
| export HOLA=hey echo \$HOLA\$HOLA=hey\$HOLA   |                  |                     |            | heyheyhey=heyhey<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=hey<br>echo \$HOLA\$HOLA\$HOLA=hey\$HOLA<br>export HOLA=" bonjour hey "<br>echo \$HOLA   cat -e   |                  |                     |            | bonjour hey\$<br>\$>   |       |   |  |  |  |  |  |  |
| export HOLA=" bonjour hey " echo """\$HOLA""   cat -e   |                  |                     |            | bonjour hey \$<br>\$><br>wesh bonjour hey \$   |       |   |  |  |  |  |  |  |
| export HOLA=" bonjour hey " echo wesh"\$HOLA="   cat -e export HOLA=" bonjour hey "   |                  |                     |            | wesh bonjour hey .   |       |   |  |  |  |  |  |  |
| echo wesh" SHOLA.  export HOLA=" bonjour hey " echo wesh\$""HOLA.   |                  |                     |            | \$><br>weshHOLA.   |       |   |  |  |  |  |  |  |
| export HOLA=" bonjour hey "   |                  |                     |            | weshHOLA HOLA.<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=bonjour<br>export HOLA=" hola et \$HOLA"  |                  |                     |            | hola et bonjour<br>\$>   |       |   |  |  |  |  |  |  |
| etici wesis rout nou  export HOLA-bonjour export HOLA-i hola et SHOLA" echo SHOLA export HOLA-bonjour export HOLA-i hola et SHOLA' echo SHOLA echo SHOLA echo SHOLA |                  |                     |            | hola et \$HOLA<br>\$>  |       |   |  |  |  |  |  |  |
| echo \$HOLA<br>export HOLA=bonjour<br>export HOLA=" hola et \$HOLA"\$HOLA<br>echo \$HOLA  |                  |                     |            | hola et bonjourbonjour   |       |   |  |  |  |  |  |  |
| export HOLA=" hoLa et SHOLA"SHOLA echo SHOLA export HOLA="ls -l -a" echo SHOLA  |                  |                     |            |  |       |   |  |  |  |  |  |  |
| echo \$HOLA<br>export HOLA="s -la"<br>l\$HOLA   |                  |                     |            | \$><br>total 16  |       |   |  |  |  |  |  |  |
|   |                  |                     |            | drwx 2 vietdu91 [] . drwxrwxewt 51 root []rwx-xr-x 8 vietdu91 [] crashtest.c         |       |   |  |  |  |  |  |  |
| export HOLA="s -la"<br>l"\$HOLA"  |                  |                     |            | bash: ls -la: command not found  |       |   |  |  |  |  |  |  |
| l'SHOLA"  export HOLA="s -la" l'SHOLA'  |                  |                     |            | \$><br>bash: 1SHOLA: command not found   |       |   |  |  |  |  |  |  |
| l'\$HOLA' export HOLA="l" \$HOLAS   |                  |                     |            | \$>  |       |   |  |  |  |  |  |  |
| export HOLA="l" "\$HOLA"s   |                  |                     |            | crashtest.c Docs Dockers Drawings Makefile minishell<br>philosophers srcs test.c     |       |   |  |  |  |  |  |  |
| export HOL=A=bonjour  |                  |                     |            | \$><br><br>HOL=A=bonjour   |       |   |  |  |  |  |  |  |
| export HOLA="l" '\$HOLA's   |                  |                     |            | bash: SHOLAs: command not found  |       |   |  |  |  |  |  |  |
| '\$HOLA's export HOL=A=""   |                  |                     |            | \$><br><br>H0L=A=  |       |   |  |  |  |  |  |  |
| export TE+S=T   |                  |                     |            | hou=ma=<br>\$><br>bash: export: `TE+S=T': not a valid identifier                     |       |   |  |  |  |  |  |  |
| env export ""=""  |                  |                     |            | \$><br>bash: export: `=': not a valid identifier<br>\$>                              |       |   |  |  |  |  |  |  |
| export ''=''  |                  |                     |            | bash: export: `=': not a valid identifier<br>\$>                                     |       |   |  |  |  |  |  |  |
| export "="="="  |                  |                     |            | bash: export: `===': not a valid identifier<br>\$>                                   |       |   |  |  |  |  |  |  |
| export HOLAED   |                  |                     |            | bash: export: `===': not a valid identifier<br>\$><br>bash: pBYEd: command not found |       |   |  |  |  |  |  |  |
| export HOLA=p<br>export BYE=w<br>\$HOLA"BYE"d   |                  |                     |            | \$>  |       |   |  |  |  |  |  |  |
| export HOLA=p<br>export BYE=w<br>"SHOLA"'SBYE'd   |                  |                     |            | bash: p\$BYEd: command not found<br>\$>  |       |   |  |  |  |  |  |  |
| export HOLA=p<br>export BYE=w<br>"SHOLA""\$BYE"d  |                  |                     |            | /home/vietdu91/42_works/minishell  |       |   |  |  |  |  |  |  |
| "SHOLA""SBYE"d  export HVE=w \$"HOLA"\$"BYE"d   |                  |                     |            | bash: HOLABYEd: command not found<br>\$>   |       |   |  |  |  |  |  |  |
| \$"HOLA"\$"BYE"d  |                  |                     |            |  |       |   |  |  |  |  |  |  |

| TEST  | A faire A tester Leaks ? | Exit status Fonctionne | COMPORTEMENT ATTENDU   | Notes |  |  |  |  |  |  |  |
|---|--------------------------|------------------------|--|-------|--|--|--|--|--|--|--|
|   | _                        |                        | bash: HOLABYEd: command not found  |       |  |  |  |  |  |  |  |
| export HOLA=p<br>export BYE=#<br>\$'HOLA'\$'BYE'd<br>export HOLA="<br>"echo \$HOLA" hey                     |                          |                        | bash: echo -n: command not found<br>\$>  |       |  |  |  |  |  |  |  |
| export A=1 B=2 C=3 D=4 E=5 F=6 G=7 H=8<br>echo "\$A'\$B"'\$C"\$D'\$E'"\$F'"'\$G'\$H"<br>export HOLA=bonjour |                          |                        | 1'25C"SD5"SF'7'8<br>S><br>   |       |  |  |  |  |  |  |  |
| env<br>unset HOLA<br>env<br>export HOLA=bonjour   |                          |                        | \$><br>  |       |  |  |  |  |  |  |  |
| env<br>unset HOLA<br>unset HOLA<br>env  |                          |                        | PATH=<br>\$>   |       |  |  |  |  |  |  |  |
| unset PATH<br>echo \$PATH<br>unset PATH   |                          |                        | \$><br>bash: ls: No such file or directory   |       |  |  |  |  |  |  |  |
| unset "" unset INEXISTANT   |                          |                        | bash: unset: '': not a valid identifier<br>S>  |       |  |  |  |  |  |  |  |
| unset PWD<br>env   grep PWD<br>pwd  |                          |                        | \$><br>\$><br>/home/vietdu91/42_works/minishell  |       |  |  |  |  |  |  |  |
| pwd<br>unset PWD<br>env   grep PWD<br>cd \$PWD  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>\$>  |       |  |  |  |  |  |  |  |
| cd SPWD<br>pwd<br>unset OLDPWD<br>env   grep OLDPWD   |                          |                        | /home/vietdu91 \$> \$>   |       |  |  |  |  |  |  |  |
| unset 9HOLA unset HOLA9   |                          |                        | bash: unset: `9HOLA': not a valid identifier<br>\$><br>\$>   |       |  |  |  |  |  |  |  |
| unset HOL?A<br>unset HOLA HOL?A   |                          |                        | bash: unset: 'HOL?A': not a valid identifier<br>\$><br>bash: unset: 'HOL?A': not a valid identifier  |       |  |  |  |  |  |  |  |
| unset HOL?A HOLA  |                          |                        | bash: unset: 'HOL?A': not a valid identifier \$> bash: unset: 'HOL?A': not a valid identifier  |       |  |  |  |  |  |  |  |
| unset HOLA=   |                          |                        | bash: unset: 'HOL?A': not a valid identifier<br>bash: unset: 'HOL.A': not a valid identifier<br>\$><br>bash: unset: 'HOLA=': not a valid identifier<br>\$> |       |  |  |  |  |  |  |  |
| unset HOL.A<br>unset HOL+A  |                          |                        | bash: unset: 'HOL.A': not a valid identifier bash: unset: 'HOL+A': not a valid identifier  |       |  |  |  |  |  |  |  |
| unset HOL=A unset HOL-(A unset HOL-)A   |                          |                        | bash: unset: 'HOL=A': not a valid identifier  bash: unset: 'HOL{A': not a valid identifier  bash: unset: 'HOL}A': not a valid identifier                   |       |  |  |  |  |  |  |  |
| unset HOL-A<br>unset -HOLA  |                          |                        | bash: unset: `HOL-A': not a valid identifier bash: unset: -H: invalid option   |       |  |  |  |  |  |  |  |
| unset _HOLA unset HOL_A unset HOLA_   |                          |                        | \$><br>\$>   |       |  |  |  |  |  |  |  |
| unset HOL*A unset HOL#A unset \$HOLA  |                          |                        | bash: unset: 'HOL*A': not a valid identifier  bash: unset: 'HOL#A': not a valid identifier   |       |  |  |  |  |  |  |  |
| unset SPWD  |                          |                        | bash: unset: `/home/vietdu91/42_works/minishell': not a valid identifier bash: unset: `HOL@': not a valid identifier                                       |       |  |  |  |  |  |  |  |
| unset HOL!A<br>unset HOL^A  |                          |                        | bash: !A: event not found<br>bash: unset: 'HOL^A': not a valid identifier  |       |  |  |  |  |  |  |  |
| unset HOLS?A unset HOL\-A unset "HOLA env   grep HOLA   |                          |                        | \$> bash: unset: 'HOL~': not a valid identifier bash: unset: '': not a valid identifier  |       |  |  |  |  |  |  |  |
| env   grep HOLA<br>unset PATH<br>echo \$PATH  |                          |                        | \$><br>\$>   |       |  |  |  |  |  |  |  |
| unset PATH cat Makefile unset =   |                          |                        | bash: cat: No such file or directory<br>\$><br>bash: unset: `=': not a valid identifier  |       |  |  |  |  |  |  |  |
| unset ====== unset ++++++ unset   |                          |                        | bash: unset: '======': not a valid identifier  bash: unset: '++++++': not a valid identifier   |       |  |  |  |  |  |  |  |
| unset export unset echo   |                          |                        | \$><br>\$>   |       |  |  |  |  |  |  |  |
| unset pwd unset cd unset unset  |                          |                        | \$><br>\$><br>\$>  |       |  |  |  |  |  |  |  |
| unset sudo export hola   unset hola   echo \$?  |                          |                        | \$><br>8<br>\$>  |       |  |  |  |  |  |  |  |
| /bin/echo Hola Que Tal  |                          |                        | \$><br>Hola Que Tal  |       |  |  |  |  |  |  |  |
| /bin/env  |                          |                        | PATH=<br>\$>   |       |  |  |  |  |  |  |  |
| /bin/cd Desktop [touche du haut] pwd  |                          |                        | bash: /bin/cd: No such file or directory  clear  /home/vietdu91/42 works/minishell   |       |  |  |  |  |  |  |  |
| pwd hola  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>/home/vietdu91/42_works/minishell<br>\$>   |       |  |  |  |  |  |  |  |
| pwd ./hola  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>/home/vietdu91/42_works/minishell<br>\$>   |       |  |  |  |  |  |  |  |
| pwd -p<br>pwdp  |                          |                        | bash: pwd: -p: invalid option<br>\$><br>bash: pwd:: invalid option   |       |  |  |  |  |  |  |  |
| pwdp pwd pwd pwd  |                          |                        | bash: pwd:: invalid option<br>5>   |       |  |  |  |  |  |  |  |
| pwd ls  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>/home/vietdu91/42_works/minishell<br>\$>   |       |  |  |  |  |  |  |  |
| pwd ls env<br>cd  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>\$>  |       |  |  |  |  |  |  |  |
| cd .<br>cd ./<br>cd ././.   |                          |                        | \$>  |       |  |  |  |  |  |  |  |
| cd ./././<br>cd   |                          |                        | \$>  |       |  |  |  |  |  |  |  |
| cd/<br>cd/<br>cd/.  |                          |                        | \$>  |       |  |  |  |  |  |  |  |
| cd/././.<br>cd srcs   |                          |                        | \$><br>\$>   |       |  |  |  |  |  |  |  |

|   |                  |                    |            |  |       | <br> |  |  |  | <br> | <br> |
|---|------------------|--------------------|------------|--|-------|------|--|--|--|------|------|
|   |                  |                    |            |  |       |      |  |  |  |      |      |
| TEST  | A faire A tester | Leaks? Exit status | Fonctionne | COMPORTEMENT ATTENDU   | Notes |      |  |  |  |      |      |
| cd srcs objs  |                  |                    |            | bash: cd: too many arguments   |       |      |  |  |  |      |      |
| cd 'srcs'   |                  |                    |            | \$><br>\$>   |       |      |  |  |  |      |      |
| cd "srcs" cd '/etc'   |                  |                    |            | \$><br>6.  |       |      |  |  |  |      |      |
| cd /e'tc'   |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| cd /e"tc"   |                  |                    |            | \$><br>bash: cd: sr: No such file or directory   |       |      |  |  |  |      |      |
| cd Makefile   |                  |                    |            | \$><br>bash: cd: Makefile: Not a directory   |       |      |  |  |  |      |      |
| cd/minishell  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| cd////<br>cd///bin/ls   |                  |                    |            | \$><br>bash: cd:/.///bin/ls: No such file or   |       |      |  |  |  |      |      |
|   |                  |                    |            | directory<br>\$>   |       |      |  |  |  |      |      |
| cd '/'  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| cd ///<br>pwd   |                  |                    |            | /<br>\$>   |       |      |  |  |  |      |      |
| cd //////<br>pwd  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| cd '//////'<br>pwd<br>cd /minishell   |                  |                    |            | /S><br>bash: cd: /minishell: No such file or directory   |       |      |  |  |  |      |      |
| cd /  |                  |                    |            | \$><br>\$>   |       |      |  |  |  |      |      |
| _cd   |                  |                    |            | bash: cd: _: No such file or directory   |       |      |  |  |  |      |      |
| cd -  |                  |                    |            | /home/vietdu91/42_works/minishell  |       |      |  |  |  |      |      |
| cd  |                  |                    |            | 5><br>bash: cd:: invalid option<br>5>  |       |      |  |  |  |      |      |
| cd \$HOME   |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| cd \$HOME \$HOME  cd \$HOME/42_works  |                  |                    |            | bash: cd: too many arguments<br>\$><br>\$>   |       |      |  |  |  |      |      |
| cd "\$PWD/srcs"   |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| cd '\$PWD/srcs'   |                  |                    |            | <pre>bash: cd: /home/momrane/minishell/src/src: No such file or s&gt; bash: cd: HOME not set</pre>                       |       |      |  |  |  |      |      |
| unset HOME<br>cd \$HOME<br>unset HOME   |                  |                    |            | SS \$>   |       |      |  |  |  |      |      |
| unset HOME<br>export HOME=<br>cd  |                  |                    |            |  |       |      |  |  |  |      |      |
| unset HOME<br>export HOME<br>cd   |                  |                    |            | bash: cd: HOME not set<br>\$>  |       |      |  |  |  |      |      |
| cd minishell Docs crashtest.c   |                  |                    |            | bash: cd: too many arguments<br>\$>  |       |      |  |  |  |      |      |
| cd /   echo \$?<br>pwd  |                  |                    |            | 0<br>\$>   |       |      |  |  |  |      |      |
| cd ~<br>mkdir a   |                  |                    |            | \$><br>chdir: error retrieving current directory: getcwd: cannot<br>access parent directories: No such file or directory |       |      |  |  |  |      |      |
| nkdir a<br>nkdir a/b<br>cd a/b<br>rm - r . · / · · /a<br>cd · · ·   |                  |                    |            | access parent directories: No such file or directory<br>\$>  |       |      |  |  |  |      |      |
| cd mkdir a  |                  |                    |            | pwd: error retrieving current directory: getcwd: cannot access parent directories: No such file or directory             |       |      |  |  |  |      |      |
| co  nkdsr a  nkdsr a/b  cd s/b  god r//a  god r//a  nkdsr a/b  cd s/b  rn .r/a  echo SPUD  echo SOLDPND  nkdsr a/b  cd s/b  rr r/a  nkdsr a/b  cd s/b  rr r/a  echo SPUD  echo SOLDPND  nkdsr a  nkdsr a/b  cd s/b  rr r/a  echo SPUD  echo SOLDPND  nkdsr a/b  nkdsr a/b  rr r/a  echo SPUD  echo SOLDPND  nkdsr a/b  nkdsr a/b |                  |                    |            | access parent directories: No such file or directory<br>\$>  |       |      |  |  |  |      |      |
| pwd<br>mkdir a  |                  |                    |            | /home/vietdu91/42_works/minishell/a/b  |       |      |  |  |  |      |      |
| mkdir a/b<br>cd a/b   |                  |                    |            | \$><br>/home/vietdu91/42_works/minishell<br>&s   |       |      |  |  |  |      |      |
| echo \$PWD<br>echo \$OLDPWD   |                  |                    |            |  |       |      |  |  |  |      |      |
| mkdir a<br>mkdir a/b<br>cd a/b  |                  |                    |            | /home<br>\$><br>S-<br>home/vietdu91/42_works/minishell/a/b   |       |      |  |  |  |      |      |
| rm -r//a<br>cd  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| echo SYMU<br>echo SOLDPWD   |                  |                    |            | //home/vietdu91/42_works/minishell/a   |       |      |  |  |  |      |      |
| mkdir a<br>cd a<br>rn - r . /a<br>echo \$PWD  |                  |                    |            | S-<br>.//./home/vietdu91/42_works/minishell  |       |      |  |  |  |      |      |
| echo SOLDPWD  |                  |                    |            | 5>   |       |      |  |  |  |      |      |
| export CDPATH=/ cd \$HOME/ export CDPATH=/ cd home/vietdu91   |                  |                    |            | /home/vietdu91   |       |      |  |  |  |      |      |
| cd home/vietdu91 export CDPATH=./ cd .  |                  |                    |            | \$><br>\$>   |       |      |  |  |  |      |      |
| export CDPATH=./  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| chmod 000 minishell<br>./minishell  |                  |                    |            | bash: ./minishell : Permission denied<br>\$>   |       |      |  |  |  |      |      |
| ls hola   |                  |                    |            | ls: cannot access 'hola': No such file or directory<br>\$>   |       |      |  |  |  |      |      |
| ./Makefile  |                  |                    |            | bash: ./Makefile: Permission denied<br>\$>   |       |      |  |  |  |      |      |
| ./minishell env   grep SHLVL  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| ./minishetu<br>./minishell<br>env   grep SHLVL<br>ext<br>env   grep SHLVL   |                  |                    |            |  |       |      |  |  |  |      |      |
| env   grep SHLVL<br>touch hola<br>./hola  |                  |                    |            | bash: ./hola: Permission denied  |       |      |  |  |  |      |      |
| ./hola<br>env "wc" -l   |                  |                    |            | 66<br>S>   |       |      |  |  |  |      |      |
| env "wc "-l   |                  |                    |            | bash: wc -l: command not found<br>\$>  |       |      |  |  |  |      |      |
| expr 1 + 1  |                  |                    |            | 2<br>\$>   |       |      |  |  |  |      |      |
| expr \$? + \$?  |                  |                    |            | 0<br>\$>   |       |      |  |  |  |      |      |
| env -i ./minishell<br>env   |                  |                    |            | PWD=/mnt/nfs/homes/emtran/Desktop/42_minishell<br>SHLVL=1<br>_=/usr/bin/env  |       |      |  |  |  |      |      |
| env -i ./minishell<br>export  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| export  |                  |                    |            | export OLDPWD export PMD="/mnt/nfs/homes/emtran/Desktop/42_minishell" export SHLVL="1" \$>                               |       |      |  |  |  |      |      |
| env -i ./minishell<br>cd  |                  |                    |            | bash: cd: HOME not set<br>\$>  |       |      |  |  |  |      |      |
| env -i ./minishell<br>cd ~  |                  |                    |            | \$>  |       |      |  |  |  |      |      |
| exit  |                  |                    |            | exit<br>-/minishell \$>  |       |      |  |  |  |      |      |
| exit exit   |                  |                    |            | exit bash: exit: exit: numeric argument required ~/minishell \$>   |       |      |  |  |  |      |      |
| exit hola   |                  |                    |            | bash: exit: hola: numeric argument required -/minishell \$>  |       |      |  |  |  |      |      |
| exit hola que tal   |                  |                    |            | evit   |       |      |  |  |  |      |      |
| exit 42   |                  |                    |            | bash: exit: hola: numeric argument required ~/minishell \$> exit   |       |      |  |  |  |      |      |
| exit 000042   |                  |                    |            | -/minishell \$> exit   |       |      |  |  |  |      |      |
| exit 666  |                  |                    |            | ~/minishell \$> exit ~/minishell \$>   |       |      |  |  |  |      |      |
|   |                  |                    |            | */PHILESDELL SS  |       |      |  |  |  |      |      |

| TEST   | A faire A tester Leaks ? | Exit status Fonctionne | COMPORTEMENT ATTENDU  | Notes |  |  |  |  |  |  |  |
|--|--------------------------|------------------------|---|-------|--|--|--|--|--|--|--|
| exit 666 666   |                          |                        | exit<br>bash: exit: too many arguments  |       |  |  |  |  |  |  |  |
| exit -666 666  |                          |                        | exit bash: exit: too many arguments   |       |  |  |  |  |  |  |  |
| exit hola 666  |                          |                        | exit bash: exit: hola: numeric argument required ~/minishell \$>  |       |  |  |  |  |  |  |  |
| exit 666 666 666 666   |                          |                        | exit bash: exit: too many arguments   |       |  |  |  |  |  |  |  |
| exit 666 hola 666  |                          |                        | exit bash: exit: too many arguments   |       |  |  |  |  |  |  |  |
| exit hola 666 666  exit 259  |                          |                        | extr bash: exit: hola: numeric argument required -/minishell \$> exit   |       |  |  |  |  |  |  |  |
| exit -4  |                          |                        | exit -/minishell \$>  exit -/minishell \$>  |       |  |  |  |  |  |  |  |
| exit -42   |                          |                        | exit ~/minishell \$>  |       |  |  |  |  |  |  |  |
| exit -8000842<br>exit -259   |                          |                        | exit -/minishell \$> exit -/minishell \$>   |       |  |  |  |  |  |  |  |
| exit -666  |                          |                        | <pre>~/minishell \$&gt; exit ~/minishell \$&gt;</pre>   |       |  |  |  |  |  |  |  |
| exit +666 exit 0   |                          |                        | exit ~/minishell \$>  exit  |       |  |  |  |  |  |  |  |
| exit +0  |                          |                        | <pre>~/minishell \$&gt; exit ~/minishell \$&gt;</pre>   |       |  |  |  |  |  |  |  |
| exit -0 exit +42   |                          |                        | exit ~/minishell \$> exit   |       |  |  |  |  |  |  |  |
| exit -69 -96   |                          |                        | -/minishell \$> exit bash: exit: too many arguments   |       |  |  |  |  |  |  |  |
| exit666  |                          |                        | \$>   |       |  |  |  |  |  |  |  |
| exit ++++666   |                          |                        | exit bash: exit:666: numeric argument required -/minishell \$> exit bash: exit: +++666: numeric argument required                                   |       |  |  |  |  |  |  |  |
| exit +++++0  |                          |                        | bash: exit: ++++66: numeric argument required -/minishell \$- exit bash: exit: +++++0: numeric argument required -/minishell \$-                    |       |  |  |  |  |  |  |  |
| exit0  |                          |                        | <pre>-/minishell \$&gt; exit bash: exit:0: numeric argument required -/minishell \$&gt;</pre>   |       |  |  |  |  |  |  |  |
| exit "666"   |                          |                        | <pre>~/minishell \$&gt; exit ~/minishell \$&gt;</pre>   |       |  |  |  |  |  |  |  |
| exit '666'<br>exit '-666'  |                          |                        | exit ~/minishell \$>  |       |  |  |  |  |  |  |  |
| exit '+666'  |                          |                        | exit ~/minishell \$> exit ~/minishell \$>   |       |  |  |  |  |  |  |  |
| exit '666'   |                          |                        | exit bash: exit:666: numeric argument required -/minishell \$>  |       |  |  |  |  |  |  |  |
| exit '++++666'   |                          |                        | exit bash: exit: ++++666: numeric argument required -/minishell \$>   |       |  |  |  |  |  |  |  |
| exit '6'66   |                          |                        | exit ~/minishell \$>  |       |  |  |  |  |  |  |  |
| exit '2'66'32' exit "'666'"  |                          |                        | exit ~/minishell \$> exit   |       |  |  |  |  |  |  |  |
| exit '"666"'   |                          |                        | exit bash: exit: '666': numeric argument required ~/minishell \$> exit  |       |  |  |  |  |  |  |  |
| exit '666'"666"666   |                          |                        | exit bash: exit: "666": numeric argument required -/minishell \$> exit -/minishell \$>  |       |  |  |  |  |  |  |  |
| exit +'666'"666"666  |                          |                        | exit ~/minishell \$>  |       |  |  |  |  |  |  |  |
| exit -'666'"666'666<br>exit 9223372036854775807  |                          |                        | exit ~/minishell \$>  exit  |       |  |  |  |  |  |  |  |
| exit 9223372036854775808   |                          |                        | <pre>~/minishell \$&gt; exit bash: exit: 9223372036854775808: numeric argument required ~/minishell \$&gt;</pre>                                    |       |  |  |  |  |  |  |  |
| exit -9223372036854775808  |                          |                        | <pre>~/minishell \$&gt; exit ~/minishell \$&gt;</pre>   |       |  |  |  |  |  |  |  |
| exit -9223372036854775809  |                          |                        | exit bash: exit: -9223372036854775809: numeric argument required ~/minishell \$>  |       |  |  |  |  |  |  |  |
| cat   cat   cat   ls   |                          |                        | <pre>~/minishell \$&gt; crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c</pre>   |       |  |  |  |  |  |  |  |
|  |                          |                        | 6   |       |  |  |  |  |  |  |  |
| ls   exit<br>ls   exit 42  |                          |                        | \$><br>\$>  |       |  |  |  |  |  |  |  |
| exit   ls  |                          |                        | crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>exit   cat -e bonjour   |                          |                        | hola\$<br>\$>   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>cat -e bonjour   exit<br>echo   echo  |                          |                        | *   |       |  |  |  |  |  |  |  |
| echo hola   echo que tal   |                          |                        | que tal<br>\$>  |       |  |  |  |  |  |  |  |
| pwd   echo hola<br>env   echo hola   |                          |                        | hola<br>\$><br>hola   |       |  |  |  |  |  |  |  |
| echo oui   cat -e  |                          |                        | s> outs s>  |       |  |  |  |  |  |  |  |
| echo oui   echo non   echo hola   grep oui<br>echo oui   echo non   echo hola   grep non                               |                          |                        | \$><br>\$>  |       |  |  |  |  |  |  |  |
| echo oui   echo non   echo hola   grep hola<br>echo hola   cat -e   cat -e   cat -e                                    |                          |                        | hola<br>\$><br>hola\$\$\$   |       |  |  |  |  |  |  |  |
| cd   echo "hola"   |                          |                        | hola<br>S>  |       |  |  |  |  |  |  |  |
| cd /   echo "hola"   |                          |                        | hola<br>\$><br>//pere/viote/us///2 profite/astate/33  |       |  |  |  |  |  |  |  |
| cd   pwd<br>ifconfig   grep ":"  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>docker0: flags=4099-UP,BROADCAST,MULTICAST> mtu 1500<br>ether 02:42:27:cf:95:49 txqueuelen 0 (Ethernet) |       |  |  |  |  |  |  |  |
|  |                          |                        | ether 02:42:27:cf:95:49 txqueuelen 0 (Ethernet) [] \$>  |       |  |  |  |  |  |  |  |
| ifconfig   grep hola<br>whoami   grep \$USER   |                          |                        | vietdu91<br>\$>   |       |  |  |  |  |  |  |  |
| whoami   grep \$USER > /tmp/bonjour<br>cat /tmp/bonjour<br>whoami   cat -e   cat -e > /tmp/bonjour<br>cat /tmp/bonjour |                          |                        | vietdu91<br>\$><br>vietdu91\$\$   |       |  |  |  |  |  |  |  |
| cat /tmp/boniour   |                          |                        | S>  |       |  |  |  |  |  |  |  |

| TEST   | A faire A tester Leaks ? | Exit status Fonctionne | COMPORTEMENT ATTENDU   | Notes |  |  |  |  |  |  |
|--|--------------------------|------------------------|--|-------|--|--|--|--|--|--|
| whereis ls   cat -e   cat -e > /tmp/bonjour<br>cat /tmp/bonjour  |                          | _                      | ls: /usr/bin/ls /usr/share/man/man1/ls.1posix.gz<br>/usr/share/man/man1/ls.1.gz\$\$                                    |       |  |  |  |  |  |  |
| ls   hola  |                          |                        | bash: hola: command not found<br>\$><br>ls: cannot access 'hola': No such file or directory                            |       |  |  |  |  |  |  |
| ls   ls   hola   |                          |                        | 5><br>bash: hola: command not found<br>5>  |       |  |  |  |  |  |  |
| ls   hola   ls   |                          |                        | bash: hola: command not found<br>crashtest.c Docs Dockers Drawings Makefile minishell<br>philosophers srcs test.c      |       |  |  |  |  |  |  |
| ls   ls   hola   rev   |                          |                        | S>   |       |  |  |  |  |  |  |
| ls -la   grep "."  |                          |                        | \$> total 16 drwx 2 vietdu91 [] .  |       |  |  |  |  |  |  |
|  |                          |                        | drwxrwxewt 51 root []rwxr-xr-x 8 vietdu91 [] crashtest.c []  |       |  |  |  |  |  |  |
| ls -la   grep "'.'"  echo test.c   cat -e  cat |                          |                        | \$><br>test.c\$                                  |       |  |  |  |  |  |  |
| -e<br>   |                          |                        | crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c  |       |  |  |  |  |  |  |
| echo hola   cat   cat   cat   cat   grep<br>hola<br>echo hola   cat  |                          |                        | hola<br>\$><br>hola  |       |  |  |  |  |  |  |
| echo hola  cat   |                          |                        | hola<br>\$>  |       |  |  |  |  |  |  |
| echo hola cat  |                          |                        | hola<br>\$><br>hola  |       |  |  |  |  |  |  |
| echo hola    cat   |                          |                        | hola 5 bash: syntax error near unexpected token ' '  |       |  |  |  |  |  |  |
| echjo hola   cat   |                          |                        | unexpected token    'S> bash: ech: command not found bash: o: command not found  |       |  |  |  |  |  |  |
| cat Makefile   cat -e   cat -e   |                          |                        | S><br>[]   |       |  |  |  |  |  |  |
| cat Makefile   grep srcs   cat -e  |                          |                        | .PHONY: all clean fclean re\$\$ \$> objs/%.o: srcs/%.c\$ @norminette srcs/*\$  |       |  |  |  |  |  |  |
| cat Makefile   grep srcs   grep srcs   cat -e  |                          |                        | \$>  objs/%.o:  property srcs/%.cs  gnorminette srcs/*\$   |       |  |  |  |  |  |  |
| cat Makefile   grep pr   head -n 5   cd<br>file_not_exist  |                          |                        | bash: cd: file_not_exist: No such file or directory \$>  |       |  |  |  |  |  |  |
| cat Makefile   grep pr   head -n 5   hello export HOLA=bonjour   cat -e   cat -e   |                          |                        | bash: hello: command not found<br>\$><br>\$>   |       |  |  |  |  |  |  |
| unset HOLA   cat -e export HOLA   echo hola  |                          |                        | \$>  |       |  |  |  |  |  |  |
| env   grep PROUT  export   echo hola   |                          |                        | \$><br>\$><br>hola   |       |  |  |  |  |  |  |
| sleep 3   sleep 3  |                          |                        | \$>  |       |  |  |  |  |  |  |
| time sleep 3   sleep 3   |                          |                        | real0m3.002s<br>user0m0.003s<br>sys0m0.001s<br>\$>   |       |  |  |  |  |  |  |
| sleep 3   exit exit   sleep 3  |                          |                        | \$><br>\$>   |       |  |  |  |  |  |  |
| echo hola > a<br>>>b echo que tal<br>cat a   <b cat=""  =""> c   cat<br/>echo hola &gt; bonjour<br/>cat bonjour</b>  |                          |                        | hola   |       |  |  |  |  |  |  |
| cat bonjour echo que tal >> bonjour cat bonjour  |                          |                        | s> hola que tal s>   |       |  |  |  |  |  |  |
| echo hola > bonjour<br>echo que tal >> bonjour<br>cat < bonjour  |                          |                        | S><br>S><br>hola<br>que tal  |       |  |  |  |  |  |  |
| echo hola > bonjour<br>rm bonjour  |                          |                        | que tal<br>\$><br>que tal<br>\$>   |       |  |  |  |  |  |  |
| echo hola > bonjour rn bonjour cho que tal >> bonjour cat < bonjour echo hola que tal > bonjour cat bonjour  |                          |                        | hola que tal   |       |  |  |  |  |  |  |
| Cat bonjour echo hola que tal > /tmp/bonjour cat -e /tmp/bonjour export HOLA-hey echo bonjour > \$HOLA echo \$HOLA   |                          |                        | hola que tal\$<br>\$><br>\$>   |       |  |  |  |  |  |  |
| export HULLENEY echo bonjour > SHOLA echo SHOLA whereis grep > Docs/bonjour cat Docs/bonjour   |                          |                        | >> hola \$> grep: /usr/bin/grep /usr/share/man/man1/grep.1.gz /usr/share/man/man1/grep.1posix.gz /usr/share/thfo/grep. |       |  |  |  |  |  |  |
|  |                          |                        | into.gz<br>\$><br>total 16   |       |  |  |  |  |  |  |
| ls -la > Docs/bonjour<br>cat Docs/bonjour  |                          |                        | drwx 2 vietdu91 [] . drwxrwxewt 51 root []rwxr-xr-x 8 vietdu91 [] crashtest.c  |       |  |  |  |  |  |  |
| pwd-bonjour<br>cat bonjour   |                          |                        | /home/vietdu91/42_works/minishell<br>\$>   |       |  |  |  |  |  |  |
| pwd > bonjour<br>cat bonjour<br>echo hola > > bonjour  |                          |                        | /home/vietdu91/42_works/minishell<br>\$><br>bash: syntax error near unexpected token `>'                               |       |  |  |  |  |  |  |
| echo hola < < bonjour  |                          |                        | bash: syntax error near unexpected token `<' \$>   |       |  |  |  |  |  |  |
| echo hola >>> bonjour  > bonjour echo hola cat bonjour   |                          |                        | bash: syntax error near unexpected token '>' \$> hola \$>  |       |  |  |  |  |  |  |
| > bonjour   echo hola<br>cat bonjour   |                          |                        | hola<br>\$><br>\$>   |       |  |  |  |  |  |  |
| prout hola > bonjour<br>ls<br>echo hola > hello >> hello >> hello  |                          |                        | bash: prout: command not found<br>\$><br>bonjour []  |       |  |  |  |  |  |  |
| ls<br>cat hello  |                          |                        | S><br>hello<br>S><br>hola  |       |  |  |  |  |  |  |
| echo hola > hello >> hello >> hello<br>echo hola >> hello<br>cat < hello   |                          |                        | hola<br>hola<br>\$>  |       |  |  |  |  |  |  |
| echo hola > hello >> hello >> hello<br>echo hola >> hello<br>echo hola >> hello >> hello >> hello  |                          |                        | hola<br>\$>  |       |  |  |  |  |  |  |
| echo hola > hello >> hello >> hello echo hola >> hello echo hola >> hello echo hola >> hello >> hello >> hello echo hola >> hello >> hello echo hola >> hello echo hola >> hello echo hola >> hello echo hola >> hello >> hello >> hello echo hola >> hello >> hello echo hola >> hello >> hello >> hello echo hola >> hello echo hola >> hello >> hello >> hello >> hello echo hola >> hello >> hello >> hello echo hola >> hello >> hello echo hola >> hello >> |                          |                        | hola<br>hola<br>\$>  |       |  |  |  |  |  |  |

| TEST   | A faire A tester Leaks | ? Exit status Fonctionne | COMPORTEMENT ATTENDU   | Notes |  |  |  |  |  |  |  |
|--|------------------------|--------------------------|--|-------|--|--|--|--|--|--|--|
| echo hola >> hello >> hello >> hello<br>echo hola >> hello<br>echo hola >> hello >> hello >> hello<br>cat < hello  |                        |                          | hola<br>\$>  |       |  |  |  |  |  |  |  |
| echo hola >> hello echo hola >> hello >> hello >> hello echo hola >> hello cat < hello   |                        |                          | hola<br>hola<br>hola<br>\$>  |       |  |  |  |  |  |  |  |
| echo hola > hello<br>echo hey > bonjour<br>echo *bonjour *hello<br>echo hola > hello<br>echo hey > bonjour<br>echo *hello *bonjour   |                        |                          | \$>  |       |  |  |  |  |  |  |  |
| etub ney > bonjour echo hola > bonjour echo hola > bonjour echo hey > bello rn bonjour hello echo hey > bonjour > bello > bonjour cat bonjour cat bonjour  |                        |                          | hola<br>S><br>S>   |       |  |  |  |  |  |  |  |
| echo hola > bonjour > hello > bonjour cat bonjour cat hello echo hola > bonjour echo hola > bonjour  |                        |                          | hola<br>6.   |       |  |  |  |  |  |  |  |
| echo hola > bonjour > hello > bonjour<br>cat bonjour<br>cat hello  |                        |                          | hola   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>rm bonjour hello<br>echo hola > bonjour >> hello > bonjour<br>cat bonjour<br>cat hello  |                        |                          | \$><br>\$>   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>echo hola > bonjour > hello > bonjour<br>cat bonjour<br>cat hello   |                        |                          | hola<br>\$><br>\$-   |       |  |  |  |  |  |  |  |
| cat netto<br>echo hola > bonjour<br>echo hey > hello<br>rm bonjour hello<br>echo hola > bonjour > hello >> bonjour<br>cat bonjour<br>cat hello   |                        |                          | hola<br>\$-<br>\$-   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>echo hola > bonjour > hello >> bonjour<br>cat bonjour<br>cat bonjour  |                        |                          | hola<br>\$><br>\$>   |       |  |  |  |  |  |  |  |
| echo hola > bonjour echo hey > hello rm bonjour hello echo hola >> bonjour > hello > bonjour cat bonjour cat hello   |                        |                          | hola<br>\$><br>\$>   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>echo hola >> bonjour > hello > bonjour<br>cat bonjour<br>cat hello  |                        |                          | hola<br>\$><br>\$>   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>rm bonjour hello<br>echo hola >> bonjour >> hello >> bonjour<br>cat bonjour<br>cat hello  |                        |                          | hola<br>\$-<br>\$-   |       |  |  |  |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>echo hola >> bonjour >> hello >> bonjour<br>cat bonjour<br>cat hello  |                        |                          | hola<br>hola<br>S-<br>hey<br>S-  |       |  |  |  |  |  |  |  |
| > bonjour echo hola bonjour<br>cat bonjour<br>>bonjour echo > hola>bonjour>hola>>bonjour>hola<br>hey >bonjour hola >hola<br>cat bonjour<br>cat hola  |                        |                          | bonjour hola<br>5><br>\$><br>\$><br>hey hola   |       |  |  |  |  |  |  |  |
| cat nota<br>echo bonjour > hola1<br>echo hello > hola2<br>echo 2 >hola1 >> hola2<br>ls<br>cat hola1<br>cat hola2   |                        |                          | 3-7<br>hola1 hola2 []<br>\$-<br>\$-<br>hello<br>2  |       |  |  |  |  |  |  |  |
| cat hola2 echo bonjour > hola1 echo hello > hola2 echo 2 >>hola1 > hola2 ls cat hola1 cat hola1 cat hola2  |                        |                          | S> hola1 hola2 [] S> bonjour S> 2  |       |  |  |  |  |  |  |  |
| cat hola2 > pwd ls < pwd   |                        |                          | pwd<br>\$><br>bash: pwd: No such file or directory   |       |  |  |  |  |  |  |  |
| cat <pwd< td=""><td></td><td></td><td>\$&gt; bash: pwd: No such file or directory \$&gt; bash: srcs/pwd: No such file or directory</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></pwd<> |                        |                          | \$> bash: pwd: No such file or directory \$> bash: srcs/pwd: No such file or directory                                 |       |  |  |  |  |  |  |  |
| cat <td></td> <td></td> <td>\$&gt; bash:/pwd: No such file or directory \$&gt; bash: syntax error near unexpected token 'newline'</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> |                        |                          | \$> bash:/pwd: No such file or directory \$> bash: syntax error near unexpected token 'newline'                        |       |  |  |  |  |  |  |  |
| cat >>>  |                        |                          | \$> bash: syntax error near unexpected token '>' \$> bash: syntax error near unexpected token '<<'                     |       |  |  |  |  |  |  |  |
| cat >> >   |                        |                          | \$> bash: syntax error near unexpected token '>' \$> bash: ls: No such file or directory                               |       |  |  |  |  |  |  |  |
| cat < ls > ls  |                        |                          | \$><br>bash: ls: No such file or directory<br>\$>  |       |  |  |  |  |  |  |  |
| cat > ls1 < ls2<br>ls<br>->hola  |                        |                          | bash: ls2: No such file or directory<br>>><br>ls1 []<br>\$>  |       |  |  |  |  |  |  |  |
| >>hola cat hola echo hola > bonjour cat < bonjour cat < bonjour  |                        |                          | hola<br>\$>  |       |  |  |  |  |  |  |  |
| echo hola >bonjour cat <box> cat <box> cat obnjour echo hola-bonjour cat-bonjour echo hola-bonjour</box></box>   |                        |                          | 5><br>hola<br>5>   |       |  |  |  |  |  |  |  |
| echo hola> bonjour cat< bonjour echo hola >bonjour cat< bonjour  |                        |                          | hola<br>\$>  |       |  |  |  |  |  |  |  |
| echo hola > bonjour cat < bonjour echo hola > srcs/bonjour cat < srcs/bonjour  |                        |                          | hola<br>\$><br>hola<br>\$>   |       |  |  |  |  |  |  |  |
| echo hola >srcs/bonjour cat <srcs bonjour="" echo="" hola=""> bonjour echo que tal &gt;&gt; bonjour cat &lt; bonjour</srcs>  |                        |                          | hola<br>\$><br>hola<br>que tal   |       |  |  |  |  |  |  |  |
| cat < bonjour rn bonjour rn bonjour echo que tal >> bonjour cat < bonjour  |                        |                          | \$><br>que tal<br>\$>  |       |  |  |  |  |  |  |  |
| ec' banjour cat 'bo' n' n hola > bonjour cat 'bo' n' n' jour echo hola > bonjour hey ls cat bonjour cat hey  |                        |                          | hola<br>\$><br>bonjour []<br>\$><br>hola hey   |       |  |  |  |  |  |  |  |
|  |                        |                          | So they: No such file or directory So bash: prout: No such file or directory So bash: prout: No such file or directory |       |  |  |  |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>>srcs/bonjour >srcs/hello <prout<br>cat srcs/bonjour srcs/hello</prout<br>  |                        |                          | Š  |       |  |  |  |  |  |  |  |

|  |  |                        |            |  |       |  |  | 1 |  |  |  |  |
|--|--|------------------------|------------|--|-------|--|--|---|--|--|--|--|
| TEST   | A faire A test   | ter Leaks? Exit status | Fonctionne | COMPORTEMENT ATTENDU   | Notes |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>rm srcs/bonjour srcs/hello  |  |                        |            | bash: prout: No such file or directory<br>\$><br>bonjour hello             |       |  |  |   |  |  |  |  |
| >srcs/bonjour >srcs/hello <pre></pre>  |  |                        |            | \$> °<br>\$><br>bash: prout: No such file or directory                     |       |  |  |   |  |  |  |  |
| etho hota > srcs/behlo<br>echo hey > srcs/bello<br>>srcs/bonjour <prout>srcs/hello<br/>cat srcs/bonjour<br/>cat srcs/hello</prout>   |  |                        |            | \$><br>\$><br>hey  |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>rm srcs/bonjour srcs/hello  |  |                        |            | bash: prout: No such file or directory<br>\$><br>bonjour                   |       |  |  |   |  |  |  |  |
| >srcs/bonjour <prout>srcs/hello ls srcs cat srcs/bonjour echo hola &gt;/bonjour</prout>  |  |                        |            | 5><br>\$><br>bash: prout: No such file or directory                        |       |  |  |   |  |  |  |  |
| echo hola >/bonjour<br>echo hey >/hello<br>>./bonjour > ./hello cprout<br>cat/bonjour/hello<br>erho hola >/honjour   |  |                        |            | \$><br>\$><br>bash: prout: No such file or directory                       |       |  |  |   |  |  |  |  |
| echo hola >/bonjour<br>echo hey >/hello<br>rm/bonjour/hello<br>>/bonjour >/hello <prout<br>ls</prout<br>   |  |                        |            | \$><br>bonjour hello<br>\$><br>\$>   |       |  |  |   |  |  |  |  |
| cat/bonjour/hello echo hola >/bonjour echo hey > ./hello > ./bonjour <pre>prout &gt;/hello cat/bonjour</pre> cat/hello   |  |                        |            | bash: prout: No such file or directory<br>\$><br>6.                        |       |  |  |   |  |  |  |  |
| cat/bonjour cat/hello echo hola >/bonjour  |  |                        |            | hey<br>\$><br>bash: prout: No such file or directory                       |       |  |  |   |  |  |  |  |
| echo hola >/bonjour<br>echo hey >/hello<br>rn/bonjour/hello<br>>/bonjour eprout >/hello<br>ls<br>cat/bonjour   |  |                        |            | s><br>bonjour<br>\$><br>\$>  |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>>srcs/bonjour >sscs/hello <prout< td=""><td></td><td></td><td></td><td>bash: prout: No such file or directory<br/>\$&gt;<br/>\$&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></prout<> |  |                        |            | bash: prout: No such file or directory<br>\$><br>\$>                       |       |  |  |   |  |  |  |  |
| cat srcs/bello   |  |                        |            | hey<br>\$><br>bash: prout: No such file or directory<br>\$>                |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>>>srcs/bonjour >srcs/hello <prout<br>cat srcs/bonjour<br/>cat srcs/hello<br/>echo hola &gt; srcs/honjour</prout<br>   |  |                        |            | bonjour<br>\$><br>\$><br>bash: prout: No such file or directory            |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>>>srcs/bonjour >>srcs/hello <prout<br>cat srcs/bonjour<br/>cat srcs/hello</prout<br>  |  |                        |            | So bonjour<br>So hev   |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonĵour   |  |                        |            | ney<br>\$><br>bash: prout: No such file or directory<br>\$><br>6-          |       |  |  |   |  |  |  |  |
| >srcs/bonjour <prout>&gt;srcs/hello cat srcs/bonjour cat srcs/hello echo hola &gt; srcs/bonjour</prout>  |  |                        |            | s><br>hey<br>\$><br>bash: prout: No such file or directory                 |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>>>srcs/bonjour <pre>-prout &gt; srcs/hello<br/>cat srcs/bonjour<br/>cat srcs/hello</pre>  |  |                        |            | \$><br>bonjour<br>\$><br>hey   |       |  |  |   |  |  |  |  |
| acho hola > ecce/honious   |  |                        |            | \$><br>bash: prout: No such file or directory<br>\$><br>bonjour            |       |  |  |   |  |  |  |  |
| echo hey > srcs/hello >>srcs/honjour <pre>yrout &gt;&gt;srcs/hello cat srcs/bonjour cat srcs/hello cat srcs/hello <pre>cat srcs/hello</pre></pre>  |  |                        |            | \$>`<br>hey<br>\$><br>bash: prout: No such file or directory               |       |  |  |   |  |  |  |  |
| echo hola > srcs/bonjour<br>echo hey > srcs/hello<br>«prout >>srcs/bonjour >>srcs/hello<br>cat srcs/bonjour<br>cat srcs/hello  |  |                        |            | basin, prode. No such rece of defectory \$> bonjour \$> hov                |       |  |  |   |  |  |  |  |
|  |  |                        |            | hola<br>\$>  |       |  |  |   |  |  |  |  |
| echo hola > bonjour echo hey > hello<br>cbonjour > shello cat bonjour cat hello echo hola > bonjour  |  |                        |            | bash: prout: No such file or directory                                     |       |  |  |   |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>>bonjour >hello < prout<br>cat bonjour<br>cat hello   |  |                        |            | \$><br>\$><br>\$>  |       |  |  |   |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>rm bonjour hello<br>>bonjour >hello < prout   |  |                        |            | bash: prout: No such file or directory<br>\$><br>\$><br>\$>                |       |  |  |   |  |  |  |  |
| cat bello  |  |                        |            | bash: prout: No such file or directory                                     |       |  |  |   |  |  |  |  |
| echo hola > bonjour echo hey > hello >bonjour <pre>prout hello cat bonjour cat hello</pre>   |  |                        |            | \$><br>hey<br>\$><br>bash: prout: No such file or directory                |       |  |  |   |  |  |  |  |
| echo hola > bonjour<br>echo hey > hello<br>rn bonjour hello<br>sbonjour «prout hello<br>cat bonjour  |  |                        |            | pasn: prout: wo such file or directory<br>\$><br>\$>                       |       |  |  |   |  |  |  |  |
| echo hola > bonjour<br><bonjour cat="" wc=""  =""> bonjour<br/>cat bonjour</bonjour>   |  |                        |            | 9 0 0<br>\$>   |       |  |  |   |  |  |  |  |
| rm -f bonjour rm bonjour > bonjour ls -l bonjour export HOLA="bonjour hello"   |  |                        |            | ls: cannot access 'bonjour': No such file or directory  'bonjour hello' [] |       |  |  |   |  |  |  |  |
| export HOLA= bonjour helto<br>>\$HOLA<br>ls<br>export HOLA="bonjour hello"<br>>"\$HOLA"  |  |                        |            | S>  'bonjour hello' []   |       |  |  |   |  |  |  |  |
| >-"\$HOLA"<br>  export HOLA="bonjour hello"<br>  >\$"HOLA"   |  |                        |            | \$><br>HOLA []<br>\$>  |       |  |  |   |  |  |  |  |
| ls export HOLA="bonjour hello" >SHOLA>hey ls   |  |                        |            | 'bonjour hello' hey []<br>\$>  |       |  |  |   |  |  |  |  |
| export HOLA="bonjour hello"<br>>hey>\$HOLA<br>ls   |  |                        |            | 'bonjour hello' hey []<br>\$>  |       |  |  |   |  |  |  |  |
| export HOLA="bonjour hello" >hey>\$HOLA>hey>hey ls export A=hey  |  |                        |            | 'bonjour hello' hey []<br>\$><br>\$>                                       |       |  |  |   |  |  |  |  |
| export A=hey export A B=Hola D E C="Que Tal" echo SPROUTSBC > /tmp/a > /tmp/b > /tmp/c cat /tmp/a cat /tmp/b cat /tmp/c  |  |                        |            | S><br>S><br>HolaQue Tal<br>S>  |       |  |  |   |  |  |  |  |
| cat /tmp/c !!!!!   | Contenu du fichier<br>Contenu du fichier<br>Contenu du fichier | ra:<br>rb:             |            |  |       |  |  |   |  |  |  |  |
| <a <b="" <c<="" cat="" td=""><td>Joneena da Ficiite</td><td></td><td></td><td>Prout<br/>\$&gt;<br/>\$&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></a>   | Joneena da Ficiite   |                        |            | Prout<br>\$><br>\$>  |       |  |  |   |  |  |  |  |
| cat a cat b cat c  |  |                        |            | \$><br>\$><br>Anour Tu es Horrible<br>0123456789                           |       |  |  |   |  |  |  |  |
| >a ls >b >>c >d<br>cat a   |  |                        |            | Prout<br>\$><br>\$><br>\$>   |       |  |  |   |  |  |  |  |
| cat b cat c cat d  |  |                        |            | \$><br>Prout<br>\$><br>crashtest.c   |       |  |  |   |  |  |  |  |
|  |  |                        |            | Docs<br>[]<br>test.c   |       |  |  |   |  |  |  |  |

| TEST Afaire Atester Leaks? Exitstatus Fonctionne  | COMPORTEMENT ATTENDU  | Notes |  |  |  |  |  |  |
|---|---|-------|--|--|--|--|--|--|
| sals sbosc sd cat a cat b cat c cat d   | S-<br>P-<br>P-<br>S-<br>crashtest.c<br>Docs,  |       |  |  |  |  |  |  |
| ecto hola > a > b > c cat a cat b cat c   | testic<br>\$-<br>\$-<br>\$-<br>\$-<br>hola<br>\$-   |       |  |  |  |  |  |  |
| nkdtr dtr<br>ls - la > dtr/bonjour<br>cat dtr/bonjour<br><a<br>cat a</a<br>   | total 16 drw  |       |  |  |  |  |  |  |
| od cat ca one<br>cat a<br>cat d<br>cat e  | S> Anour S> Anour SAnour S> Anour TU Es Horrible  |       |  |  |  |  |  |  |
| <a> b cat &gt; hey &gt;&gt; d cat d ls cat &lt;&lt; hola</a>  | \$-<br>[] a b hey d<br>> \$100E<br>> hola<br>/hore/victdu91   |       |  |  |  |  |  |  |
| cat < "hola"  | > SHOME > hola SHOWE S> > SHOME > hola SHOWE > hola   |       |  |  |  |  |  |  |
| cat << ho"la"  cat << SHOME   | \$> \$HOME  |       |  |  |  |  |  |  |
| cat << hola > bonjour cat bonjour   | > prout<br>> /home/vietdu91<br>> \$10<br>> \$1ME<br>\$><br>> prout<br>> croutte   |       |  |  |  |  |  |  |
| cat << hola   rev   | > prout > prout > antoine pue > hola \$ prout croutte antoine pue   |       |  |  |  |  |  |  |
| cat « nota   rev  | > croutte<br>> anotine pue<br>> hola<br>tuorp<br>ettuorc<br>ety enfotma   |       |  |  |  |  |  |  |
| «« hola   | antotine pue  > prout  > croutte  > antoline pue  > tuop  tuop  ettuorc  eup eniotna  >>  > hola  > holache  > hola  > hola  > hola  > hola  > hola  > hola  > hola |       |  |  |  |  |  |  |
| < <hol> cat &lt;&lt;</hol>  | > > hola \$> bash: syntax error near unexpected token 'newline' \$>   |       |  |  |  |  |  |  |
| cat << prout << lol << koala  prout << lol << cat << koala  | > prout > 10  |       |  |  |  |  |  |  |
| <: Shola<br><: S'hola'5'b'  | > prout<br>> lol<br>> cat<br>> koala<br>bash: prout: command not found<br>> Shola<br>> holab  |       |  |  |  |  |  |  |
| << \$ nota \$ 0 << \$"\$hola"\$\$"b" << ho\$la5"\$a"\$\$"b"   | > notab<br>> Solassb<br>> Solasssb<br>> hotasssb<br>> hotasssb  |       |  |  |  |  |  |  |
| echo hola «<< bonjour echo hola «<<< bonjour echo hola «<<< bonjour   | S- hola S- bash: syntax error near unexpected token '<' S- bash: syntax error near unexpected token '<'   |       |  |  |  |  |  |  |
| echo 'yo cat < <a>&gt;&gt;&gt;out   &lt;<b< th=""><th>\$&gt;</th><td></td><td></td><td></td><td></td><td></td><td></td><td></td></b<></a> | \$>   |       |  |  |  |  |  |  |