MINISHELL

[FR] ATTENTION

Les comportements présents dans cet Excel <u>ne sont pas tous a gérer</u> dans la Mandatory du projet Minishell!

Ne vous mettez pas la pression pour essayer de tous les gérer!

Vérifiez juste pour ces cas non gerables s'ils ne Segfault pas, ou n'effectuent pas un comportement suspect!

Utilisez votre bon sens pour exploiter au mieux ce document et faire un Minishell pas trop ambitieux, selon votre situation du projet.

(Par contre, si vous etes chauds pour tout gérer, GG à vous!)

Bon courage et n'hésitez pas à m'envoyer un MP si besoin!

[EN] WARNING

The behaviors listed in this Excel file <u>are not all required to be handled</u> in the mandatory part of the Minishell project!

Don't stress yourself out trying to handle all of them!

Just make sure that these unmanageable cases don't cause a segfault or exhibit suspicious behavior!

Use your common sense to make the best use of this document and create a Minishell that is not overly ambitious, depending on your project situation.

(However, if you're up for handling everything, GG to you!)

Good luck, and feel free to DM me if needed!

(GitHub: vietdu91 / Discord: vietdu91#6048 / Intra: emtran)

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\$> echo "\$DONTEXIST"Makefile	ОК	OK .	\$> Makefile	0	
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\$> \$?	ОК	OK	\$> bash: 0: command not found	127	Renvoie le code de retour du dernier pipeline
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\$> \$	ОК	OK	S> bash: \$: command not found S>	127	
\$> \$HOME	ок		<pre>\$> bash: /home/vietdu91: Is a directory \$></pre>	126	
\$> \$HOMEdskjhfkdshfsd	ОК	•	\$>	0	
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	ОК	ОК	^c \$>		
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X Y S> Ctlr-0	ОК	ОК	\$> \$> exit	0	Sort du programme
Ŭ √ \$> hola Ctlr-D	OK	ОК	<pre>\$> exit ~/minishell \$> \$> hola</pre>	1	Ne fait rien
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fois [ENTREE])	ок	ок	Alquit (care dumed)		
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une seconde apres) \$> sleep 3 sleep 3 (faire Ctlr-D une seconde apres)	ок		\$> \$>	0	Ne fait rien
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une seconde apres) \$> env	ОК		\$> PATH=	0	
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NON GERE	ОК	OK .	env: hola': No such file or directory \$> env: 'hola': No such file or directory	127	
NON GERE	ОК		env: hola:: No such file or directory \$>		

\$> env env	NON GERE	ОК	OK	PATH=	0	Affiche une seule fois env
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\$> env ls	NON GERE	OK	ОК		0	
\$> env ./Makefile	NON GERE	OK	ОК	philosophers srcs test.c \$> env: './Makefile': Permission denied	126	
\$> export HOLA=bonjour \$> env	NON GERE	ОК	OK	\$> HOLA=bonjour	0	
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<pre>\$> env \$> export</pre>				HOLA=bonjour \$>	0	Les variables sont triees par ordre alphabetique On n'oublie pas les doubles quotes qui designent
\$> export Hola		ОК	ОК	export PATH="" \$>	0	On n'oublie pas les doubles quotes qui designent les strings attribues a chaque variable Hola n'existe pas dans env mais il existe dans
\$> export		ок	ок	<pre>export HOME="/home/vietdu91" export Hola export PATH=""</pre>	0	export
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\$> export \$DONTEXIST		ок	ок	<pre>export HOME="/home/vietdu91" export PATH=""</pre>	Θ	Le cas ou la variable n'existe pas et n'est pas importee
\$> export grep "HOME"		ОК	ок	<pre>\$> export HOME="/home/vietdu91" \$></pre>	0	
\$> export ""		ок	ок	bash: export: `': not a valid identifier \$>	1	
<pre>\$> export = \$> export %</pre>		ОК	ок	bash: export: '=': not a valid identifier \$>	1	
\$> export \$?		ОК	ОК	bash: export: '%': not a valid identifier \$> bash: export: `0': not a valid identifier	1	
\$> export ?=2		ок	ок	<pre>\$> bash: export: '?=2': not a valid identifier \$></pre>	1	
\$> export 9HOLA=		ок	ок	bash: export: '9H0LA=': not a valid identifier \$>	1	
<pre>\$> export HOLA9=bonjour \$> env</pre>		ОК	ок	 HOLA9=bonjour \$>	0	
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<pre>\$> export HOL@=bonjour</pre>		ОК	ОК	<pre>\$> bash: export: 'HOL@=bonjour': not a valid identifier</pre>	1	Cas où le nom de variable ne contient pas de lettres, ni de chiffres, ni d'underscores
\$> export HOL\~A=bonjour	NON GERE	ОК	ок	<pre>\$> bash: export: `HOL~A=bonjour': not a valid identifier \$></pre>	1	actives, in the cities response of the cities and citie
<pre>\$> export -HOLA=bonjour \$> exportHOLA=bonjour</pre>		OK OK	ок ок	bash: export: -H: invalid option bash: export:: invalid option	2	
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\$> export HOL\\\\$A=bonjour	NON GERE	ОК	ОК	\$>	1	
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<pre>\$> export HOLA=bonjour \$> export HOLA+=bonjour \$> env</pre>	NON GERE	ок	ок	 MOLA=bonjourbonjour \$>	Θ	"+=" s'ajoute au contenu de la variable
<pre>\$> exportHOLA=bonjour \$> env</pre>	NON GERE	ок	ок	PATH= \$>	Θ	
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\$> env		ОК	ок	HOLA= \$>	0	
<pre>\$> export HOLA=bonsoir \$> export HOLA=bonretour \$> export HOLA=bonjour \$> env</pre>		ок	ок	 HOLA=bonjour \$>	0 0	
\$> export HOLA=\$HOME \$> env		ок	ок	 HOLA=/home/vietdu91 \$>	0	
<pre>\$> export HOLA=bonjour\$HOME \$> env</pre>		ОК	ок	 HOLA=bonjour/home/vietdu91	0	
<pre>\$> export HOLA=\$HOMEbonjour \$> env</pre>		ОК		\$> HOLA= \$>	0 0	
<pre>\$> export HOLA=bon\$jour \$> env</pre>		ОК	ок	 HOLA=bon	0	Le cas où la variable "\$jour" n'existe pas
\$> export HOLA=bon\jour	NON GERE	ОК	ОК	\$> MDLA=bonjour	0 0	
S> env V S> export HOLA=bon\\jour S> env	NON GERE	ОК		\$> HOLA=bon\jour	0 0	
×	NON GERE	ОК	ОК	bash: syntax error near unexpected token `('	2	Marche pour les caractères : ()
\$> export HOLA=bon(jour CO \$> export HOLA=bon()jour	NON GERE	ОК	ок	bash: syntax error near unexpected token `('	2	
oo oo oo daabaaaaaaaaaaaaaaaaaaaaaaaaaaa	NON GERE	OK	OK	\$> bash: jour: command not found	127	Marche pour les caractères : &
S> export HOLA=bon@jour S> export HOLA=bon@jour S> env		ок	ок	\$> env	0	
\$> export HOLA=bon;jour		OK .	OK .	hash: jour: command not found	127	
\$> env		ок	ок	NOLA=bon \$>	0	
<pre>\$> export HOLA=bon!jour</pre>		ОК	ок	\$> bash: !jour: event not found \$>	1	
<pre>\$> export HOLA=bon"jour" \$> env</pre>		ОК	ок	HOLA=bonjour PATH=	0 0	
				PAIN= \$>		

<pre>\$> export HOLA\$USER=bonjour \$> env</pre>		ОК	OK	HOLAvietdu91=bonjour PATH= S>	
<pre>\$> export HOLA=bonjour=casse-toi \$> echo \$HOLA \$> export "HOLA=bonjour"=casse-toi</pre>		ок ок	ОК	#PIDLA=bonjour=casse-toi	
\$> echo \$HOLA \$> export HOLA=bonjour \$> export BYE=casse-toi \$> echo \$HOLA et \$BYE		ок	ОК	bonjour et casse-toi 0 0 0	
\$> export HOLA=bonjour BYE=casse-toi \$> echo \$HOLA et \$BYE \$> export \$HOLA=bonjour		ОК		bonjour et casse-toi 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
\$> env		ОК	OK .	bonjour=bonjour PATH= \$>	
<pre>\$> export HOLA="bonjour " \$> echo \$HOLA cat -e \$> export HOLA=" -n bonjour " \$> echo \$HOLA </pre>		ок ок	OK	bonjour\$ \$> bonjour\$>	
\$> export HOLA="bonjour "/ \$> export HOLA="bonjour "/ \$> export HOLA='"'		ОК	OK .	bonjour /	
\$> echo " \$HOLA " cat -e \$> export HOLA=at \$> c\$HOLA Makefile		ок		\$> \ [cela affiche le Makefile] 0 \ \$>	
<pre>\$> export "" HOLA=bonjour \$> env</pre>		ок	ок	bash: export: `": not a valid identifier 1 \$> env	
\$> export HOLA="cat Makefile grep NAME" \$> echo \$HOLA	Н	ОК		National Control of	
\$> export HOLA=hey \$> echo \$HOLA\$HOLA\$HOLA=hey\$HOLA \$> export HOLA=" bonjour hey "		ок ок	O.K	heyheyhey=heyhey 9 0 5 bonjour hey\$ 0	
<pre>\$> echo \$HOLA cat -e \$> export HOLA=" bonjour hey " \$> echo """\$HOLA""" cat -e</pre>		ок	OK	\$>	
\$> export HOLA=" bonjour hey " \$> echo wesh"\$HOLA" cat -e \$> export HOLA=" bonjour hey " \$> echo wesh"\$HOLA.		ок ок	ок	wesh bonjour hey \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/!\ Bien supprimer les espaces en trop au debut et a la fin du string d'export
<pre>\$> export HOLA=" bonjour hey " \$> echo wesh\$""HOLA.</pre>		ОК	OK .	weshHOLA HOLA. 0	et a ta rui du struig d'export
\$> export HOLA=" bonjour hey " \$> echo wesh\$"HOLA HOLA". \$> export HOLA=bonjour \$> export HOLA=" hola et \$HOLA"		ок	UK	hola et bonjour \$> 0 6 6 6 6 6 6 6 6 6 6 6 6	
\$> echo \$HOLA \$> export HOLA=bonjour \$> export HOLA=' hola et \$HOLA' \$> echo \$HOLA		ОК	ОК	0 hola et \$HOLA 5> 0	
\$> exhor HOLA=bonjour \$> export HOLA=" hola et \$HOLA"\$HOLA \$> echo \$HOLA		ОК	ОК	hola et bonjourbonjour	
<pre>\$> export HOLA="ls -l -a" \$> echo \$HOLA \$> export HOLA="s -la"</pre>		ОК	OK .	ls -l - a	
\$> T\$HOLA	П	ОК	ОК	drwx 2 vietdu91 [] . drwxrwxewt 51 root []	
<pre>\$> export HOLA="s -la" \$> l"\$HOLA" \$> export HOLA="s -la"</pre>		ок ок	UK	bash: ls -la: command not found \$127 \$> bash: l\$HOLA: command not found \$127	
\$> l'\$HOLA' \$> export HOLA="l" \$> \$HOLAs		ОК	OK .	\$> \$>	
<pre>\$> export HOLA="l" \$> "\$HOLA"s \$> export HOL=A=bonjour</pre>		ок	ОК	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c 0	
\$> env \$> export HOLA="l"		ок ок		hash: \$HOLAs: command not found 127	
\$> '\$HOLA's \$> export HOL=A="" \$> env		ок	ОК	\$> 0 HOL=A= \$>	
\$> export TE+S=T \$> env \$> export ""=""		ОК	ок	bash: export: `TE+S=T': not a valid identifier	
\$> export ''=''		ок	ОК	<pre>\$> bash: export: `=': not a valid identifier \$></pre>	
<pre>\$> export "="="=" \$> export '='='='</pre>		ок ок	OK	bash: export: `===': not a valid identifier \$> bash: export: `===': not a valid identifier 1	
\$> export HOLA=p \$> export BYE=w \$> \$HOLA"BYE"d		ОК		bash: pBYEd: command not found \$27 \$>	
<pre>\$> export HOLA=p \$> export BYE=w \$> "\$HOLA" '\$BYE'd</pre>		ОК	ОК	bash: p\$BYEd: command not found \$27	
\$> export HOLA=p \$> export BYE=w \$> "\$HOLA""\$BYE"d \$> export HOLA=p		ОК	ок	/home/vietdu91/42_works/minishell 0 bash: HOLABYEd: command not found 127	
\$> export BYE=w \$> \$"HOLA"\$"BYE"d \$> export HOLA=p		ок	ОК	bash: HOLABYEd: command not found 127	
\$> export BYE=w \$> \$'HOLA'\$'BYE'd \$> export HOLAn		ок ок	OK OK	bash: echo -n: command not found 127	
\$> "echo \$HOLA" hey \$> export A=1 B=2 C=3 D=4 E=5 F=6 G=7 H=8 \$> echo "\$A\\$B"\\$C\\$D\\$E'\\$F\"\\$G\\$H" \$\text{Support N=1 B=2 C=3 D=4 E=5 F=6 G=7 H=8}}		ОК		\$> 1'2\$C"\$D5"\$F'7'8	
<pre>\$> export HOLA=bonjour \$> env \$> unset HOLA \$> env</pre>		ок	ОК	PATH= 8 9 9 9	
<pre>\$> export HOLA=bonjour \$> env \$> unset HOLA \$> unset HOLA \$> unset HOLA \$> unset HOLA</pre>		ок	ок	PATH= 0 0 0 0	
\$> env \$> unset PATH \$> echo \$PATH \$> unset PATH \$> unset PATH		ок		\$> bash: ls: No such file or directory 127	
\$> unset "" \$> unset ""		ок	OK	bash: unset: `': not a valid identifier \$>	
\$> unset INEXISTANT \$> unset PWD \$> env grep PWD		ОК		\$>	Cas où la variable n'existe pas
\$> pwd \$> pwd		ОК	ОК	/home/vietdu91/42_works/minishell 8 \$> /home/vietdu91/42_works/minishell 0	
\$> unset PWD \$> env grep PWD \$> ed \$PWD \$> pwd \$> pwd \$> unset OLDPWD		ОК	OK	\$>	
\$> env grep OLDPWD \$> unset 9HOLA		ок	ОК	\$> 0 bash: unset: `9HOLA': not a valid identifier \$> 1	
\$> unset HOLA9 \$> unset HOL?A		ок ок		\$> 0 bash: unset: `HOL?A': not a valid identifier \$> 1	
\$> unset HOLA HOL?A \$> unset HOL?A HOLA		ок ок	OK OK	bash: unset: `HOL?A': not a valid identifier \$> 1 bash: unset: `HOL?A': not a valid identifier	Il unset bien HOLA Il unset bien HOLA
\$> unset HOL?A HOL.A		ок		\$> 1 bash: unset: `HOL?A': not a valid identifier bash: unset: `HOL.A': not a valid identifier \$> 1	
\$> unset HOLA= \$> unset HOL\\\\A NON GERE		OK OK	UK	bash: unset: `HOLA=': not a valid identifier \$> bash: unset: `HOL\\A': not a valid identifier	
\$> unset HOL;A NON GERE		ок ок	ок	bash: A: command not found 127	
\$> unset HOL.A \$> unset HOL+A \$> unset HOL=A		ок ок ок	ОК	bash: unset: `HOL.A': not a valid identifier bash: unset: `HOL+A': not a valid identifier bash: unset: `HOL=A': not a valid identifier 1	
\$> unset HOL{A		ОК	•	bash: unset: `HOL{A': not a valid identifier 1	

	\$> unset HOL}A		ОК	ок	bash: unset: `HOL}A': not a valid identifier	
	\$> unset HOL-A		ОК		bash: unset: `HOL-A': not a valid identifier	
	\$> unset -HOLA		OK		bash: unset: -H: invalid option 2	
	\$> unset _HOLA		OK		\$> 0	
	\$> unset HOL_A		ОК		\$> 0	
	\$> unset HOLA_		ОК		\$> 0	
	\$> unset HOL*A		ОК	ОК	bash: unset: `HOL*A': not a valid identifier	
	\$> unset HOL#A		ОК	ОК	bash: unset: `HOL#A': not a valid identifier 1	
	\$> unset \$HOLA		ОК	ОК	\$> 0	Il va unset le contenu de \$HOLA, c'est-a-dire la variable bonjour
	\$> unset \$PWD			OK	bash: unset: `/home/vietdu91/42_works/minishell': not a valid identifier 1	variable bonjour
			ОК		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	\$> unset HOL@		ОК		bash: unset: `HOL@': not a valid identifier	
	\$> unset HOL!A		OK		bash: !A: event not found	
	\$> unset HOL^A		ОК	-	bash: unset: `HOL^A': not a valid identifier 1 \$> 0	Harak arand as armsta la arakani da 62 alaak a
	\$> unset HOL\$?A		OK	ОК	\$>	Unset prend en compte le contenu de \$?, c'est-a- dire qu'il lit HOLOA ou HOL127A
	\$> unset HOL\~A		ОК		bash: unset: `HOL~': not a valid identifier 1	
	\$> unset "" HOLA \$> env grep HOLA		ОК		bash: unset: `': not a valid identifier 1 9	HOLA sera quand meme unset !!
					\$>	
	\$> unset PATH \$> echo \$PATH		ОК	ОК	\$> 0 0	
	\$> unset PATH \$> cat Makefile		ОК	ок	bash: cat: No such file or directory	
	<pre>\$> Cat makerile \$> unset =</pre>		OK		bash: unset: `=': not a valid identifier	
	\$> unset ======		ОК		bash: unset: `=====': not a valid identifier	
	\$> unset +++++		ОК		bash: unset: `++++++': not a valid identifier 0	
	\$> unset		ОК		\$> 0	
	\$> unset export		ОК		\$> 0	
	\$> unset echo		ОК	ОК	\$> 0	
	\$> unset pwd		ОК	ОК	\$> 0	
	\$> unset cd		ОК	ОК	\$> 0	
	\$> unset unset		ОК	ОК	\$> 0	
	\$> unset sudo		ОК	ОК	\$> 0	
	\$> export hola unset hola echo \$?		ОК	OK	0 \$>	
<u></u>	\$> /bin/echo		ОК	OK	0	
SS	, <u> </u>				\$> Hola Que Tal 0	
IER PES	\$> /bin/echo Hola Que Tal		ОК		\$>	
H	\$> /bin/env		ОК	ОК	0 PATH=	
E Z					\$>	
α	2 \$> /bin/cd Desktop		ОК	ОК	bash: /bin/cd: No such file or directory 127	
ä	\$> history				0 558 echo \$?	Affiche les 500 dernières commandes
HISTORIQUE	NON GER	E	ОК	ОК	559 clear 560 history	
STO					\$>	
Ξ	\$> [touche du haut]		OK	ОК	\$> clear /	Defile l'historique
	\$> pwd		ОК	ОК	/home/vietdu91/42_works/minishell 9	Retourne \$PWD
	\$> pwd hola		ОК	ок	/home/vietdu91/42_works/minishell 0	
	\$> pwd ./hola				/home/vietdu91/42_works/minishell 0	
			ОК	ОК	\$>	
	\$> pwd hola que tal		ОК	ОК	/home/vietdu91/42_works/minishell 0 \$>	
	\$> pwd -p		ОК	ОК	bash: pwd: -p: invalid option 2	
	\$> pwdp			OK	bash: pwd:: invalid option 2	
			ОК	OK	\$>	
	\$> pwdp		ОК	ОК	bash: pwd:: invalid option \$>	
	\$> pwd p	E	ОК	ОК	/home/vietdu91/42_works/minishell	
	\$> pwd pwd pwd		ОК	ОК	/home/vietdu91/42_works/minishell 0	N'affiche qu'une fois
	\$> pwd ls				\$> /home/vietdu91/42_works/minishell 0	
			ОК	ОК	\$>	
	\$> pwd ls env		ОК	ОК	/home/vietdu91/42_works/minishell 6 \$>	
	\$> cd		ОК	ОК	\$> 0	On doit se retrouver dans le dossier défini par \$HOME
				O.K		/home/vietdu91
	\$> cd .		ОК	ОК	\$> 0	L'user reste dans le même dossier
	\$> cd ./		ок ок	OK .	\$> 0 \$> 0	
				ок		L'user reste dans le même dossier /home/vietdu91/42_works/minishell
	\$> cd ./		ОК	ок ок	\$> 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell
	\$> cd ./. \$> cd ./././.		ок ок	ок ок ок	\$> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell
	\$> cd ./ \$> cd ./././. \$> cd ./././.		ОК ОК ОК	ок ок ок	\$> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works
	\$> cd ./ \$> cd ./././. \$> cd ./././.		ОК ОК ОК ОК	ок ок ок ок	\$> 0 \$> 0 \$> 0 \$> 0 \$> 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd/		ОК ОК ОК	ОК ОК ОК ОК ОК	\$>	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works /home/vietdu91/42_works
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd/. \$> cd/. \$> cd/.		ок ок ок ок ок	ОК ОК ОК ОК ОК	\$> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd/. \$> cd/. \$> cd/.		ОК ОК ОК ОК ОК	ОК ОК ОК ОК ОК ОК	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd/.		ОК ОК ОК ОК ОК ОК	OK OK OK OK OK	\$> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd/.		ОК ОК ОК ОК ОК ОК ОК	ОК ОК ОК ОК ОК ОК ОК ОК	S> 0 S> 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd/././ \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd/. \$> cd srcs objs		ОК ОК ОК ОК ОК ОК ОК ОК	ОК ОК ОК ОК ОК ОК ОК ОК	\$ \	L'user reste dans le même dossier //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell
	\$> cd ./ \$> cd ./././. \$> cd ./././. \$> cd ././././ \$> cd/ \$> cd/. \$> cd/. \$> cd/ \$> cd/ \$> cd/ \$> cd//. \$> cd srcs \$> cd srcs objs \$> cd 'srcs'		ОК ОК ОК ОК ОК ОК ОК ОК ОК	ОК ОК ОК ОК ОК ОК ОК ОК ОК	\$	L'user reste dans le même dossier //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell/srcs
	\$> cd ./ \$> cd ./././ \$> cd ./././ \$> cd/ \$> cd/ \$> cd/. \$> cd/. \$> cd/. \$> cd/././ \$> cd srcs \$> cd srcs objs \$> cd "srcs" \$> cd '/etc'		OK OK OK OK OK OK OK	ОК ОК ОК ОК ОК ОК ОК ОК ОК ОК	\$> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L'user reste dans le même dossier /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell On se retrouve au dossier précédent /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works /home/vietdu91/42_works/minishell/srcs /home/vietdu91/42_w
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A A	\$> cd ./ \$> cd ./././ \$> cd ./././ \$> cd srcs \$> cd srcs objs \$> cd 'srcs' \$> cd 'esrcs' \$> cd 'esrcs' \$> cd 'esrcs' \$> cd 'esrcs' \$> cd of 'estc' \$>	E	ОК	OK O	\$>	L'user reste dans le même dossier //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell On se retrouve au dossier précédent //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //etc
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A A	\$> cd ./ \$> cd ./././ \$> cd ./././ \$> cd srcs \$> cd srcs objs \$> cd 'srcs' \$> cd 'esrcs' \$> cd 'esrcs' \$> cd 'esrcs' \$> cd 'esrcs' \$> cd of 'estc' \$>	E	OK	OK O	\$>	L'user reste dans le même dossier //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell On se retrouve au dossier précédent //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //etc
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A A	\$> cd .//. \$> cd .//. \$> cd .//. \$> cd	E	ОК ОК	OK O	\$->	L'user reste dans le même dossier //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works/minishell //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //home/vietdu91/42_works/minishell/srcs //etc //

	<pre>\$> cd '\$PWD/srcs'</pre>		OK	ОК	bash: cd: \$PWD/srcs: No such file or directory	1	
	\$> unset HOME \$> cd \$HOME		ок ок	OK OK	\$> bash: cd: HOME not set \$>	1	
	<pre>\$> unset HOME \$> export HOME=</pre>		ОК		\$>	0	/home/vietdu91/42_works/minishell
	\$> cd \$> unset HOME \$> export HOME		ОК		bash: cd: HOME not set	1	
	\$> cd \$> cd minishell Docs crashtest.c		ОК		bash: cd: too many arguments	1	
	\$> cd / echo \$? \$> pwd		ОК	OK	\$> 0 \$>	0	/home/vietdu91/42_works/minishell
	\$> cd ~		ОК	ОК	\$>	0	/home/vietdu91
	\$> cd ~/ \$> cd ~/ echo \$?	NON GERE	ок ок	OK	\$> 0	0	/home/vietdu91 /home/vietdu91/42_works/minishell
	\$> pwd \$> cd *	NON GERE	ОК		\$> \$>	0	[BONUS] S'il n'y a qu'un seul <u>dossier</u> et rien d'autre
	\$> cd *	NON GERE	ок	OK .	bash: cd: minishell: No such file or directory \$>	1	[BONUS] S'il n'y a qu'un seul <u>fichier</u> et rien d'autre
	\$> cd * \$> mkdir a	NON GERE	ОК	OK.	bash: cd: too many arguments \$>	1	[BONUS] S'il y au moins deux éléments
	\$> mkdir a/b \$> cd a/b \$> rm -r//a		ОК	ОК	chdir: error retrieving current directory: getcwd: cannot access parent directories: No such file or directory \$>		
	\$> cd \$> mkdir a				pwd: error retrieving current directory: getcwd: cannot	1	
	\$> mkdir a/b \$> cd a/b \$> rm -r//a		ОК	ОК	access parent directories: No such file or directory \$>		
	\$> pwd \$> mkdir a \$> mkdir a/b				/home/vietdu91/42_works/minishell/a/b	0	
	\$> cd a/b ' \$> rm -r//a \$> echo \$PWD		ОК	ОК	/home/vietdu91/42_works/minishell \$>		
	<pre>\$> echo \$OLDPWD \$> mkdir a</pre>				/home	0	
	\$> mkdir a/b \$> cd a/b \$> rm -r//a		OK	ОК	<pre>\$> /home/vietdu91/42_works/minishell/a/b \$></pre>	0	
	\$> cd \$> echo \$PWD \$> echo \$OLDPWD						
	\$> mkdir a \$> cd a \$> rm -r/a		ок	ОК	//home/vietdu91/42_works/minishell/a \$> //home/vietdu91/42_works/minishell	0 0	
	\$> rm -r/a \$> echo \$PMD \$> echo \$OLDPWD				\$>	0	A garar 2
	<pre>\$> export CDPATH=/ \$> cd \$HOME/ \$> export CDPATH=/</pre>	NON GERE	ок ок	ок ок	<pre>\$> /home/vietdu91</pre>	0	A gerer ? /home A gerer ?
	<pre>\$> cd home/vietdu91 \$> export CDPATH=./ \$> cd .</pre>	NON GERE	ОК		\$>	0 0 0	/home/vietdu91 A gerer ? /home/vietdu91/42_works/minishell
	<pre>\$> export CDPATH=./ \$> cd</pre>	NON GERE	ОК	ОК	\$>	0	A gerer ? /home/vietdu91/42_works
	<pre>\$> chmod 000 minishell \$> ./minishell \$> ls hola</pre>		ОК	OK .	bash: ./minishell : Permission denied \$> ls: cannot access 'hola': No such file or directory	126	
	\$> ./Makefile		ок ок	OK.	bash: ./Makefile: Permission denied	126	
	\$> ./minishell		ОК		\$> \$>	0	Relance le Minishell Il faut donc 2 fois exit pour exit
	\$> env grep SHLVL \$> ./minishell	NON SERE			\$>	0	TO FORE COME E FORE CARE POOR CARE
	<pre>\$> env grep SHLVL \$> exit \$> env grep SHLVL</pre>	NON GERE	ОК	OK		0 0	
	<pre>\$> touch hola \$> ./hola \$> env "wc" -l</pre>		ОК	OK .	bash: ./hola: Permission denied \$> 66	126 0	
RDS	\$> env "wc "-l		ок ок	OK .	\$> bash: wc -l: command not found	127	
BÂTARDS	\$> expr 1 + 1		ОК	OK	\$> 2 \$>	0	
	\$> expr \$? + \$?		ОК	ок	0 \$>	0	Fait la somme de la valeur de \$?
	<pre>\$> env -i ./minishell \$> env</pre>		ОК	ОК	PWD=/mnt/nfs/homes/emtran/Desktop/42_minishell SHLVL=1 _=/usr/bin/env	0	
	\$> env -i ./minishell \$> export				\$> export OLDPWD export PWD="/mnt/nfs/homes/emtran/Desktop/42 minishell"	0	
	\$> env -i ./minishell		ОК		export PWD="/mnt/nfs/homes/emtran/Desktop/42_minishell" export SHLVL="1" \$> bash: cd: HOME not set	1	
	\$> cd \$> env -i ./minishell	NON GERE	ок ок	OK .	\$>	0	/home/vietdu91
	\$> cd ~ \$> exit	NON OLKL	ОК		exit ~/minishell \$>	0	
	\$> exit exit		ОК		exit bash: exit: exit: numeric argument required ~/minishell \$>	2	
	\$> exit hola		ОК		exit bash: exit: hola: numeric argument required ~/minishell \$>	2	
	\$> exit hola que tal		ОК		exit	2	
	\$> exit 42		ОК		bash: exit: hola: numeric argument required ~/minishell \$> exit ~/minishell \$>	42	
	\$> exit 000042		ОК	OK	~/minishell \$> exit ~/minishell \$>	42	
	\$> exit 666		ОК	ОК	exit ~/minishell \$>	154	
	\$> exit 666 666		ок	OK	exit bash: exit: too many arguments \$>	1	
	\$> exit -666 666		ок	ОК	exit bash: exit: too many arguments \$>	1	
	\$> exit hola 666		ок		exit bash: exit: hola: numeric argument required ~/minishell \$>	2	
	\$> exit 666 666 666		ОК	ОК	exit bash: exit: too many arguments	1	
	\$> exit 666 hola 666		ОК	OK	<pre>\$> exit bash: exit: too many arguments</pre>	1	
	\$> exit hola 666 666		ок		exit bash: exit: hola: numeric argument required ~/minishell \$>	2	
	\$> exit 259		ОК		exit ~/minishell \$>	3	
	\$> exit -4 \$> exit -42		ОК	O.K	exit ~/minishell \$> exit	252 214	
	\$> exit -0000042		ок ок	OK.	<pre>ext: /minishell \$> exit /minishell \$></pre>	214	
	\$> exit -259		ок		~/minishell \$> exit ~/minishell \$>	253	
	\$> exit -666		ОК	ОК	exit ~/minishell \$>	102	
	\$> exit +666 \$> exit 0		OK		exit ~/minishell \$> exit	154 0	
	\$> exit +0		ок ок		exit ~/minishell \$> exit ~/minishell \$>	0	
	\$> exit -0		ОК	ок	exit ~/minishell \$>	0	
EXIT	\$> exit +42 \$> exit +60 -06		ОК		exit ~/minishell \$>	42	
Ë	\$> exit -69 -96		ок		exit bash: exit: too many arguments \$>	1	
	\$> exit666		ок	ОК	exit bash: exit:666: numeric argument required ~/minishell \$>	2	
	\$> exit ++++666		ок	ок	exit bash: exit: ++++666: numeric argument required ~/minishell \$>	2	

\$> exit ++++++0	(к ок	exit bash: exit: ++++++0: numeric argument required ~/minishell \$>	2	
\$> exit0		к ок	bash: exit:0: numeric argument required -/minishell \$>	2	
\$> exit "666"		к ок	<pre>~/minishell \$> exit ~/minishell \$></pre>	154	
\$> exit '666'	(к ок	exit ~/minishell \$>	154	
\$> exit '-666'	(к ок	exit ~/minishell \$>	102	Marche aussi pour les double quotes
\$> exit '+666' \$> exit '666'	(КОК	exit ~/minishell \$> exit	154	Marche aussi pour les double quotes Marche aussi pour les double quotes
	(КОК	<pre>bash: exit:666: numeric argument required ~/minishell \$></pre>		
\$> exit '++++666'		к ок	exit bash: exit: ++++666: numeric argument required ~/minishell \$>	2	Marche aussi pour les double quotes
\$> exit '6'66	(к ок	exit ~/minishell \$>	154	Marche aussi pour les double quotes
\$> exit '2'66'32'	(КОК	exit ~/minishell \$>	8	Marche aussi pour les double quotes
\$> exit "'666'"	(к ок	exit bash: exit: '666': numeric argument required ~/minishell \$>	2	
\$> exit '"666"'	d	к ок	exit bash: exit: "666": numeric argument required ~/minishell \$>	2	
\$> exit '666'"666"666	(к ок	exit ~/minishell \$>	170	
\$> exit +'666'"666"666	(к ок	exit ~/minishell \$>	170	
\$> exit -'666''666 \$> exit 9223372036854775807		КОК	exit ~/minishell \$> exit	86 255	
\$> exit 9223372036854775808		K OK	~/minishell \$> exit	2	
A		КОК	bash: exit: 9223372036854775808: numeric argument required ~/minishell \$>		
\$> exit -9223372036854775808 \$> exit -9223372036854775809	(КОК	exit -/minishell \$> exit	0	
	(к ок	exit bash: exit: -9223372036854775809: numeric argument required -/minishell \$>		
\$> cat cat ls			crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	Apparaît la ligne ls Et 3 retours à la ligne avec la touche Entrée
	(КОК			
\$> ls exit			\$> \$>	0	Ne fait rien
		к ок			Chaque commande d'un pipeline est exécutée dans son propre sous-shell, qui est un processus
\$> ls exit 42		K OK	\$>	42	distinct Ne fait rien
\$> exit ls		к ок	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	
<pre>\$> echo hola > bonjour \$> exit cat -e bonjour</pre>	(к ок	hola\$ \$>	0	
<pre>\$> echo hola > bonjour \$> cat -e bonjour exit</pre>	(к ок	\$>	0	
\$> echo echo \$> echo hola echo que tal		КОК	\$> que tal	0	
\$> pwd echo hola		к ок к ок	\$> hola	0	
\$> env echo hola		K OK	\$> hola \$>	0	
\$> echo oui cat -e	(к ок	out\$ \$>	0	
\$> echo oui echo non echo hola grep oui \$> echo oui echo non echo hola grep non		к ок к ок	\$> \$>	0 0	
\$> echo out echo non echo hola grep hola		к ок	hola \$>	0	
\$> echo hola cat -e cat -e cat -e	(к ок	hola\$\$\$ \$>	0	
\$> cd echo "hola"	(КОК	hola \$>	0	/home/vietdu91/42_works/minishell
\$> cd / echo "hola" \$> cd pwd		K OK	hola \$> /home/vietdu91/42_works/minishell	0	/home/vietdu91/42_works/minishell /home/vietdu91/42_works/minishell
\$> ifconfig grep ":"		K OK	<pre>\$> docker0: flags=4099<up,broadcast,multicast> mtu 1500</up,broadcast,multicast></pre>	0	y none y vector z y ne no no y naneznete
	(К	ether 02:42:27:cf:95:49 txqueuelen 0 (Ethernet) [] \$>		
\$> ifconfig grep hola \$> whoami grep \$USER		K OK	\$> vietdu91	1	
\$> whoami grep \$USER > /tmp/bonjour		к ок к ок	\$> vietdu91	0	
<pre>\$> cat /tmp/bonjour \$> whoami cat -e cat -e > /tmp/bonjour \$> cat /tmp/bonjour</pre>		к ок	\$> vietdu91\$\$ \$>	0	
<pre>\$> cat / Yahp/bonjour \$> whereis ls cat -e cat -e > /tmp/bonjour \$> cat /tmp/bonjour</pre>		к ок	ls: /usr/bin/ls /usr/share/man/man1/ls.1posix.gz /usr/share/man/man1/ls.1.gz\$\$	0	
\$> ls hola		к ок	\$> bash: hola: command not found	127	
\$> ls ls hola	(к ок	ls: cannot access 'hola': No such file or directory	2	
\$> ls ls hola	(к ок	bash: hola: command not found \$>	127	
<pre>\$> ls hola ls</pre>		к ок	bash: hola: command not found crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	
\$> ls ls hola rev		K OK	\$> bash: hola: command not found	0	
\$> ls ls echo hola rev		к ок	aloh \$>	0	
\$> ls -la grep "."			total 16 drwx 2 vietdu91 [] .	0	Sort la commande entiere de ls -la
		к ок	drwxrwxewt 51 root [] -rwxr-xr-x 8 vietdu91 [] crashtest.c []		
\$> ls -la grep "'.'"		K OK	\$> \$>	0	
<pre>\$> echo test.c cat -e cat -e cat -e cat - e cat -e cat -e cat -e cat -e cat - e cat -e</pre>		к ок	test.c\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$>	0	
\$> \ls		КОК	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	
s \$> echo hola cat cat cat cat grep hola	(K OK	\$> hola \$>	0	
\$> echo hola cat		КОК	hola \$>	0	
<pre>\$> echo hola cat</pre> <pre>\$> echo hola cat</pre>		КОК	hola \$>	0	
\$> echo hola cat		к ок к ок	hola \$> hola	0	
\$> echo hola cat NON GERE		к ок к ок	\$> hola	0	[BONUS]
\$> echo hola cat		к ок	\$> bash: syntax error near unexpected token ` '	2	
\$> ech o hola cat			\$> bash: ech: command not found bash: o: command not found	127	
\$> cat Makefile cat -e cat -e		K OK	bash: o: command not found \$> []	0	
	(к ок	S: S: .PHONY: all clean fclean re\$\$ \$>		
\$> cat Makefile grep srcs cat -e		к ок	objs/%.o: srcs/%.c\$ @norminette srcs/*\$	0	
<pre>\$> cat Makefile grep srcs grep srcs cat -</pre>			\$> objs/%.o: srcs/%.c\$ @norminette srcs/*\$	0	
e \$> cat Makefile grep pr head -n 5 cd			<pre>\$> bash: cd: file_not_exist: No such file or directory</pre>	1	
file_not_exist		КОК	\$>		

	\$> cat Makefile grep pr head -n 5 hello				bash: hello: command not found	127	
	\$> export HOLA=bonjour cat -e cat -e		OK OK	OK	\$> \$>	0	
	\$> unset HOLA cat -e		ОК	ОК	\$>	0	
	<pre>\$> export HOLA echo hola \$> env grep PROUT</pre>		ОК	OK	hola \$> \$>	0	
	\$> export echo hola		ОК	UK	hola \$> \$>	0	La carrett accorde su bank de 2 accordes
	<pre>\$> sleep 3 sleep 3 \$> time sleep 3 sleep 3</pre>		OK	- OK	realom3.002s user0m0.003s		Le prompt apparait au bout de 3 secondes Le prompt apparait au bout de 3 secondes
			ОК	OK .	sys0m0.001s \$>		
	<pre>\$> sleep 3 exit \$> exit sleep 3</pre>		ок ок		\$> \$>		Le prompt apparait au bout de 3 secondes Le prompt apparait au bout de 3 secondes
	\$> echo hola > a \$> >>b echo que tal \$> cat a <b cat="" =""> c cat		ок	ОК	\$>	0	
	\$> pwd && ls	NON GERE	ОК	ОК	/home/vietdu91/42_works/minishell crashtest.c Docs Dockers Drawings Makefile minishell	0	[BONUS]
	\$> pwd ls				philosophers srcs test.c \$> /home/vietdu91/42_works/minishell	0	[BONUS]
	\$> echo hola echo bonjour	NON GERE NON GERE	ОК	OK	\$> hola		[BONUS]
	\$> echo hola && echo bonjour	NON GERE	ОК		\$> hola bonjour	0	[BONUS]
	\$> echo bonjour echo hola	NON GERE	ОК	OK	\$> bonjour \$>	0	[BONUS]
	\$> echo bonjour && echo hola	NON GERE	ОК	ок	bonjour hola	0	[BONUS]
	\$> echo -n bonjour && echo -n hola	NON GERE	ОК	ОК	\$> bonjourhola\$>	0	[BONUS]
	\$> pwd && ls && echo hola	NON GERE	ОК	ОК	/home/vietdu91/42_works/minishell crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	[BONUS]
		NOW GENE			hola \$>		Faanna
	\$> pwd ls && echo hola	NON GERE	ОК		/home/vietdu91/42_works/minishell hola \$>	0	[BONUS]
	\$> pwd && ls echo hola	NON GERE	ОК	ОК	/home/vietdu91/42_works/minishell crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	[BONUS]
	\$> pwd ls echo hola	NON GERE	ОК	ОК	\$> /home/vietdu91/42_works/minishell \$>	0	[BONUS]
	\$> ls export ""	NON GERE	ОК	ок	philosophers srcs test.c	0	[BONUS]
	\$> export "" ls	NON GERE	ОК		\$> bash: export: `': not a valid identifier crashtest.c Docs Dockers Drawings Makefile minishell	0	[BONUS]
=	\$> ls && export ""	NON GERE	-OK	OK .	philosophers srcs test.c \$> crashtest.c Docs Dockers Drawings Makefile minishell	1	[BONUS]
88	- cs an export	NON GERE	ОК	OK	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c bash: export: `': not a valid identifier \$>		[23,100]
	\$> export "" && ls	NON GERE	ОК		ə> bash: export: `': not a valid identifier \$>	1	[BONUS]
	\$> ls ;	NON GERE	ОК	OK	bash: syntax error near unexpected token `;' S>	2	[BONUS] Marche pour les metacharacters &;()
	\$> ; ls	NON GERE	ОК	OK	bash: syntax error near unexpected token `;' \$>	2	[BONUS] Marche pour les metacharacters &;()
	\$> ls && ;	NON GERE	ОК	ок	bash: syntax error near unexpected token `;'	2	[BONUS] Marche pour les metacharacters &;()
	\$> ; && ls	NON GERE	OK		\$> bash: syntax error near unexpected token ';'	2	[BONUS] Marche pour les metacharacters &;()
	\$> ls <	NON GERE	OK		\$> ' bash: syntax error near unexpected token `newline'	2	[BONUS] Marche pour les metacharacters <>
	\$> ls && <	NON GERE	ОК	ок	əz bash: syntax error near unexpected token `newline' \$>	2	[BONUS] Marche pour les metacharacters <>
	\$> cat echo ls	NON GERE	ОК	ОК	\$>	0	[BONUS]
	\$> cat echo && ls	NON GERE	ОК	ОК	crashtest.c Docs Dockers Drawings Makefile minishell	0	[BONUS]
		NON GERE			philosophers srcs test.c \$>		
	\$> ls cat echo	NON GERE	ОК		crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c \$>		[BONUS]
	\$> ls && cat echo	NON GERE	ОК		crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c	0	[BONUS]
	\$> export "" && unset ""				\$> bash: export: `': not a valid identifier	1	[BONUS]
	\$> (ls)	NON GERE	ОК	O.K	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c		[BONUS]
	\$> ((ls))				\$> crashtest.c Docs Dockers Drawings Makefile minishell	0	[BONUS]
	\$> (() ls)	NON GERE	OK		philosophers srcs test.c \$> bash: syntax error near unexpected token `)'	2	[BONUS]
	\$> ls && (ls)	NON GERE	ОК	OK	\$>	0	[BONUS]
		NON GERE	OK	ОК	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c S-		
	\$> (ls && pwd)	NON GERE	ОК	ОК	>> crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c /home/vietdu91/42_works/minishell	0	[BONUS]
	\$> ((ls&&pwd))				<pre>>> crashtest.c Docs Dockers Drawings Makefile minishell</pre>		[BONUS]
		NON GERE	ОК	ок	philosophers srcs test.c /home/vietdu91/42_works/minishell \$>		
	\$> ((ls) &&pwd)	NON GERE	ОК	ок	crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c /home/vietdu91/42_works/minishell	0	[BONUS]
	\$> (ls && ((pwd)))				\$> crashtest.c Docs Dockers Drawings Makefile minishell philosophers srcs test.c /home/vietdu91/42_works/minishell	0	[BONUS]
	A (1, 00 a 1)	NON GERE	ОК		\$>		Francis -
	<pre>\$> (ls && pwd) > hola \$> cat hola</pre>				crashtest.c Docs Dockers	0	[BONUS]
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					philosophers srcs test.c		
	\$> > hola ls && pwd	NON GERE	OK		/home/vietdu91/42_works/minishell \$> /home/vietdu91/42_works/minishell	0	[BONUS]
	\$> > hola (ls && pwd)	NON GERE NON GERE	ок		\$> bash: syntax error near unexpected token `(' \$>		[BONUS]
	\$> (> pwd) \$> ls	NON GERE	ОК	ОК	rashtest.c Docs Dockers Drawings Makefile minishell philosophers pwd srcs test.c	0	[BONUS]
	\$> (< pwd) \$> ls	NON GERE	ОК		\$> \$>	0	[BONUS] Si pwd existe
	\$> (< pwd)	NON GERE	ОК	ОК	bash: pwd: No such file or directory \$>		[BONUS] Si pwd n'existe pas
	\$> ((((pwd))))) \$> () pwd	NON GERE	OK	OK	/home/vietdu91/42_works/minishell \$> bash: syntax error near unexpected token `)'		[BONUS]
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		NON GERE	OK		philosophers pwd srcs test.c crashtest.c Docs Dockers Drawings Makefile minishell philosophers pwd srcs test.c \$>		
	\$> (lss pwd)&&(lss pwd)	NON GERE	ОК	ОК	bash: lss: command not found /home/vietdu91/42_works/minishell bash: lss: command not found	0	[BONUS]
					/home/vietdu91/42_works/minishell \$>		

\$> (lss&&pwd)&&(lss&&pwd)	NON CERE	01/	0.14	bash: lss: command not found	127	[BONUS]
\$> (ls && pwd wc) > hola	NON GERE	ОК	ОК	\$> crashtest.c	0	[BONUS]
\$> cat hola				Docs Dockers	0	[Bullo3]
				Drawings Makefile		
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ES)				1 1 34 \$>		
\$> (ls && pwd wc) > hola \$> (ls && pwd wc) > hola \$> cat hola				crashtest.c Docs Dockers	0	[BONUS]
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PAR	NON GERE	ок	ок	minishell		
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				1 1 34 \$>		
\$> (ls && pwd wc) >> hola \$> echo hey&&(ls && pwd wc) > hola				hey \$>	0	[BONUS]
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				crashtest.c Docs		
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\$> (ls && pwd wc) < hola				<pre>\$> crashtest.c Docs Dockers Drawings Makefile minishell</pre>	0	[BONUS]
	NON GERE	ок	ОК	philosophers pwd srcs test.c 1 1 34		
\$> (ls -z pwd wc) < hola				<pre>\$> ls: invalid option 'z'</pre>	0	[BONUS]
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<pre>\$> echo hey > hola \$> (pwd wc) < hola</pre>	NON GERE	ок	ок	1 1 34 \$>	0	[BONUS]
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- (to 2 pino au ts)	NON GERE	ОК	ок	/home/vietdu91/42_works/minishell crashtest.c Docs Dockers Drawings Makefile minishell philosophers pwd srcs test.c		
	OEKZ			philosophers pwd srcs test.c \$>		
\$> ls (cat Makefile grep srcs) && (pwd wc)				crashtest.c Docs Dockers Drawings Makefile minishell philosophers pwd srcs test.c	0	[BONUS]
	NON GERE	ОК	OK	1 1 34 \$>		
\$> ls -z && (ls) && (pwd)	NON GERE	ОК	ОК	ls: invalid option 'z'	130	[BONUS]
\$> (ls > Docs/hey && pwd) > hola				/home/vietdu91/42_works/minishell	0	[BONUS]
<pre>\$> cat hola \$> cat Docs/hey</pre>				\$> crashtest.c	0	
	NON GERE	ОК	ОК	00CS [] srcs		
				test.c \$>		
<pre>\$> ls > Docs/hey && pwd > hola \$> cat hola</pre>				/home/vietdu91/42_works/minishell	0	[BONUS]
\$> cat Nota \$> cat Docs/hey				crashtest.c Docs	0	
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				srcs test.c \$>		
\$> cd/ && pwd && pwd	NON GERE	ок	ок	/home/vietdu91/ /home/vietdu91/	0	[BONUS]
\$> (cd/ && pwd) && pwd				<pre>\$> /home/vietdu91/</pre>	0	[BONUS]
v. (co ://: aa piio/ aa piio	NON GERE	ок	ок	/home/vietdu91/42_works/minishell \$>		[const]
\$> ls -z cd//&&pwd \$> pwd				ls: invalid option 'z' /home/vietdu91	0	[BONUS]
	NON GERE	ОК	ОК	<pre>\$> /home/vietdu91</pre>		
\$> ls -z (cd//&&pwd)				<pre>\$> ls: invalid option 'z'</pre>	0	[BONUS]
\$> pwd	NON GERE	ок	ок	/home/vietdu91 \$>	0	
				/home/vietdu91/42_works/minishell \$>		
<pre>\$> echo hola > bonjour \$> cat bonjour</pre>		ок	ок	hola \$>	0	
<pre>\$> echo que tal >> bonjour \$> cat bonjour</pre>		ок	ок	hola que tal	0	
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				que tal \$>		
\$> echo hola > bonjour \$> rm bonjour		ОК	OV.	que tal \$>	0	
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<pre>\$> echo hola que tal > bonjour \$> cat bonjour</pre>		ОК	ок	hola que tal \$>	0	
<pre>\$> echo hola que tal > /tmp/bonjour \$> cat -e /tmp/bonjour</pre>		ОК	ок	hola que tal\$ \$>	0	
\$> export HOLA=hey \$> echo bonjour > \$HOLA		ОК	ОК	\$> hola	0	Ne fait rien
\$> echo \$HOLA		OK.	J.	\$>	0	
<pre>\$> whereis grep > Docs/bonjour \$> cat Docs/bonjour</pre>		ОК	ок	grep: /usr/bin/grep /usr/share/man/man1/grep.1.gz /usr/share/man/man1/grep.1posix.gz /usr/share/info/grep. info.gz	0	
(S. Is. 12 > December in the				\$>	0	
<pre>\$> ls -la > Docs/bonjour \$> cat Docs/bonjour</pre>				total 16 drux 2 vietdu91 [] . druxruxewt 51 root []ruxr-xr-x 8 vietdu91 [] crashtest.c	0	
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<pre>\$> pwd>bonjour \$> cat bonjour \$> pwd > bonjour</pre>		ОК	ОК	\$>	0	
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\$> > bonjour echo hola \$> cat bonjour		ОК		hola \$>	0	
\$> prout hola > bonjour		OK.	J.	bash: prout: command not found	127	Erreur mais file "bonjour" cree tout de meme
<pre>\$> prout hola > bonjour \$> ls</pre>		ОК	ок	bash: prout: command not found \$> bonjour []	0	cred mais rice bongour cree cout de meme
\$> echo hola > hello >> hello >> hello				\$>	0	
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	cat <pwd< td=""><td>NON CENE</td><td></td><td>ок</td><td>ОК</td><td>\$> bash: pwd: No such file or directory 1 \$></td><td></td></pwd<>	NON CENE		ок	ОК	\$> bash: pwd: No such file or directory 1 \$>	
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	> cat >>			ок	OK .	\$> bash: syntax error near unexpected token 'newline' \$>	Marche aussi pour les autres operateurs de redirection
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