



```
$ls>a| cat<<'lim' | cat << lom|echo "I'$USER | $HOME"
```

```
$ls > a | cat << 'lim' | cat << lom | echo "I'$USER ❖ $HOME"
```

```
$ls > a
$cat << 'lim'
$cat << lom
$echo "I'$USER | $HOME"
```

```
$ls > a
$cat << 'lim'
$cat << lom
$echo "I'$USER❖|❖$HOME"
```

```
ls
>
a
cat
<<
'lim'
cat
<<
lom
echo
"I'$USER❖|❖$HOME"
```

```
ls == Command
> == red_out
a == outfile
cat = command
<< == here_doc
'lim' == delimiter
cat == command
<< == here_doc
lom == delimiter
echo == command
"I'$USER | $HOME" == option
```

```
red_in = 0
red_out = 1
here_do = 2
app = 0
redirections = 1
delimiter = 2
cmd = 4
option 1
total = 11
```

Unfortunately There's no errors

```
command = "ls"
delimiter = {"lim", "lom"
argv = {"I'$USER | $HOME"}
**redirections = {"a", ">"}
```