```
FAILED ----->
TEST 126: KO
  Input: [< not_existing_file]
  Bash $?: [1]
 Minishell $?: [0]
TEST 127: KO
  Input: [> not_existing_file]
  Bash $?: [0]
 Minishell $?: [127]
TEST 128: KO
 Input: [>> not_existing_file]
 Bash $?: [0]
 Minishell $?: [127]
TEST 129: KO
  Input: [< not_existing_file > not_existing_file2]
 Bash $?: [1]
 Minishell $?: [0]
TEST 130: KO
  Input: [< not_existing_file >> not_existing_file2]
  Bash $?: [1]
 Minishell $?: [0]
TEST 131: KO
 Input: [| echo 1]
 Bash $?: [1]
 Minishell $?: [0]
TEST 132: KO
 Input: [| echo 1 | echo 2]
 Bash $?: [1]
```

file3: [3]

```
TEST 142: KO
             [wc -l < /etc/passwd > file1 | wc -l]
  Input:
  Bash:
              [0]
  Minishell: []
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
    file1: [56]
    file2: [2]
     file3: [3]
    file4: [4]
  Files content - Minishell:
     file1: []
    file2: [2]
    file3: [3]
     file4: [4]
TEST 144: KO
             [ls -al -i < /etc/passwd > file1 | wc -l | echo 42]
  Input:
  Bash:
  Minishell: [42]
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [total 40\n1445990 drwx----- 2 adi-nata 2022_firenze 4096 Sep 6 19:25 .\n
                                                                                             20
                                20480 Sep 6 19:25 ..\n1445991 -rw-r--r- 1 adi-nata
drwxrwxrwt 43 root root
               0 Sep 6 19:25 file1\n1445993 -rw-r--r- 1 adi-nata 2022_firenze
19:25 file2\n1445994 -rw-r--r-- 1 adi-nata 2022_firenze 2 Sep 6 19:25 file3\n1445995
-rw-r--r-- 1 adi-nata 2022_firenze 2 Sep 6 19:25 file4]
    file2: [2]
```

```
file4: [4]
  Files content - Minishell:
     file1: []
     file2: [2]
     file3: [3]
     file4: [4]
TEST 145: KO
  Input:
            [cat < file1 | cat > file2]
  Bash:
              Minishell: []
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [1]
     file2: [1]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: []
     file3: [3]
     file4: [4]
TEST 146: KO
              [cat < file1 | grep 1 > file2 | wc -l]
  Input:
  Bash:
               [0]
  Minishell: []
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [1]
```

```
file2: [1]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: []
     file3: [3]
     file4: [4]
TEST 147: KO
  Input:
             [cat < file1 | grep 1 > file2 | wc -l | echo 42]
  Bash:
  Minishell: []
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [1]
     file2: [1]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: []
     file3: [3]
     file4: [4]
TEST 148: KO
  Input:
            [cat < file1 | grep 1 > file2 | wc -l | echo 42 | echo 21]
  Bash:
              [21]
  Minishell: []
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
```

```
Files content - Bash:
     file1: [1]
     file2: [1]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: []
     file3: [3]
     file4: [4]
TEST 149: KO
              [> file1 | echo 42 | cat < file1 | grep 1 > file2 | wc -l]
  Input:
  Bash:
              [0]
  Minishell: [adi-nata@zeShell > ]
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: []
     file2: []
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: []
     file2: []
     file3: [3]
     file4: [4]
TEST 150: KO
  Input:
            [< file1 | echo 42 > file2 | grep 1 | wc -l]
  Bash:
               [0]
  Minishell: [adi-nata@zeShell > ]
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
```

```
cat 4 > file4
  Files content - Bash:
     file1: [1]
     file2: [42]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: []
     file3: [3]
     file4: [4]
TEST 151: KO
  Input:
              [cat < file1 | cat > file2 < file1 | wc -l]
  Bash:
               [0]
  Minishell: []
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [1]
     file2: [1]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: []
     file3: [3]
     file4: [4]
TEST 152: KO
  Input:
              [echo 42 > file1 | cat | wc -l]
  Bash:
               [0]
  Minishell: [1]
  Lab creation:
```

cat 1 > file1

```
cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [42]
     file2: [2]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: []
     file2: [2]
     file3: [3]
     file4: [4]
TEST 155: KO
  Input:
            [>> file1 | echo 42]
  Bash:
              [42]
  Minishell: [adi-nata@zeShell > ]
  Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4
  Files content - Bash:
     file1: [1]
     file2: [2]
     file3: [3]
     file4: [4]
  Files content - Minishell:
     file1: [1]
     file2: [2]
     file3: [3]
     file4: [4]
TEST 162: KO
             [cat < file1 >> file2 > file1 | cat | echo 21]
  Input:
             [21]
  Bash:
  Minishell: []
```

Lab creation:

cat 1 > file1

cat 2 > file2

cat 3 > file3

cat 4 > file4

Files content - Bash:

file1: []

file2: [2]

file3: [3]

file4: [4]

Files content - Minishell:

file1: []

file2: [2]

file3: [3]

file4: [4]