TEST 122: KO
   Input: [cat 42 > not_executable_file]
   Bash $?:   [1]
   Minishell $?: [0]

TEST 123: KO
   Input: [cat 42 > not_existing_file]
   Bash $?:   [1]
   Minishell $?: [0]

TEST 124: KO
   Input: [./not_executable_file]
   Bash $?:   [126]
   Minishell $?: [0]

TEST 125: KO
   Input: [not_existing_command]
   Bash $?:   [127]
   Minishell $?: [0]

TEST 126: KO
   Input: [< not_existing_file]
   Bash $?:   [1]
   Minishell $?: [0]

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]
    Minishell $?: [0]

TEST 133: KO
    Input: [ls not_existing_file]
    Bash $?:   [2]
    Minishell $?: [0]

TEST 136: KO
    Input: [ls -al -i < /etc/passwd]
    Bash: [total 44\n1716681 drwx------ 2 adi-nata 2022_firenze 4096 Sep 5 17:55 .\n
20 drwxrwxrwt 35 root   root   20480 Sep 5 17:55 ..\n1716679 -rw-r--r-- 1 adi-nata
2022_firenze   2 Sep 5 17:55 file1\n1716683 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5
17:55 file2\n1716685 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file3\n1716687
-rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file4]
    Minishell: [/etc/passwd: No such file or directory\nadi-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 137: KO
   Input: [ls -al -i < /etc/passwd > file1]
   Bash: []
   Minishell: []

   Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4

   Files content - Bash:
     file1: [total 40\n1716679 drwx------ 2 adi-nata 2022_firenze 4096 Sep 5 17:55 .\n   20 drwxrwxrwt 35 root   root   20480 Sep 5 17:55 ..\n1716683 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file1\n1716685 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file2\n1716687 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file3\n1716688 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file4]
     file2: [2]
     file3: [3]
     file4: [4]

   Files content - Minishell:
     file1: [1]
     file2: [2]
     file3: [3]
     file4: [4]

TEST 138: KO
   Input: [ls -al -i < /etc/passwd > file1 > file2]
   Bash: []
   Minishell: []

   Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4

   Files content - Bash:
     file1: []
     file2: [total 36\n1716683 drwx------ 2 adi-nata 2022_firenze 4096 Sep 5 17:55 .\n   20 drwxrwxrwt 35 root   root   20480 Sep 5 17:55 ..\n1716685 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file1\n1716687 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5

17:55 file2\n1716688 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file3\n1716689 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file4]
    file3: [3]
    file4: [4]

  Files content - Minishell:
    file1: [1]
    file2: [2]
    file3: [3]
    file4: [4]

TEST 139: KO
  Input: [ls -al -i < /etc/passwd > file1 > file2 > file3]
  Bash: []
  Minishell: []

  Lab creation:
    cat 1 > file1
    cat 2 > file2
    cat 3 > file3
    cat 4 > file4

  Files content - Bash:
    file1: []
    file2: []
    file3: [total 32\n1716685 drwx------ 2 adi-nata 2022_firenze 4096 Sep 5 17:55 .\n   20 drwxrwxrwt 35 root   root   20480 Sep 5 17:55 ..\n1716687 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file1\n1716688 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file2\n1716689 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file3\n1716690 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file4]
    file4: [4]

  Files content - Minishell:
    file1: [1]
    file2: [2]
    file3: [3]
    file4: [4]

TEST 140: KO
  Input: [ls -al -i < /etc/passwd > file1 > file2 > file3 > file4]
  Bash: []
  Minishell: []

  Lab creation:

cat 1 > file1
        cat 2 > file2
        cat 3 > file3
        cat 4 > file4

    Files content - Bash:
        file1: []
        file2: []
        file3: []
        file4: [total 28\n1716687 drwx------ 2 adi-nata 2022_firenze 4096 Sep 5 17:55 .\n   20 drwxrwxrwt 35 root   root   20480 Sep 5 17:55 ..\n1716688 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file1\n1716689 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file2\n1716690 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file3\n1716691 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file4]

    Files content - Minishell:
        file1: [1]
        file2: [2]
        file3: [3]
        file4: [4]

TEST 141: KO
    Input: [wc -l < /etc/passwd]
    Bash: [56]
    Minishell: [/etc/passwd: No such file or directory]

    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 142: KO
    Input: [wc -l < /etc/passwd > file1 | wc -l]
    Bash: [0]
    Minishell: [/etc/passwd: No such file or directory]

    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: [1]
        file2: [2]
        file3: [3]
        file4: [4]

TEST 143: KO
    Input: [wc -l < /etc/passwd > file1 > file2 > file3 > file4]
    Bash: []
    Minishell: []

    Lab creation:
        cat 1 > file1
        cat 2 > file2
        cat 3 > file3
        cat 4 > file4

    Files content - Bash:
        file1: []
        file2: []
        file3: []
        file4: [56]

    Files content - Minishell:
        file1: [1]
        file2: [2]
        file3: [3]
        file4: [4]

TEST 144: KO
   Input: [ls -al -i < /etc/passwd > file1 | wc -l | echo 42]
   Bash: [42]
   Minishell: [/etc/passwd: No such file or directory]

   Lab creation:
     cat 1 > file1
     cat 2 > file2
     cat 3 > file3
     cat 4 > file4

   Files content - Bash:
     file1: [total 40\n1716691 drwx------ 2 adi-nata 2022_firenze 4096 Sep 5 17:55 .\n   20 drwxrwxrwt 35 root   root   20480 Sep 5 17:55 ..\n1716692 -rw-r--r-- 1 adi-nata 2022_firenze   0 Sep 5 17:55 file1\n1716693 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file2\n1716694 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file3\n1716695 -rw-r--r-- 1 adi-nata 2022_firenze   2 Sep 5 17:55 file4]
     file2: [2]
     file3: [3]
     file4: [4]

   Files content - Minishell:
     file1: [1]
     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: [2]
    file3: [3]
    file4: [4]

TEST 146: KO
    Input: [cat < file1 | grep 1 > file2 | wc -l]
    Bash: [0]
    Minishell: [file1: No such file or directory]

    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: [2]
        file3: [3]
        file4: [4]

TEST 147: KO
    Input: [cat < file1 | grep 1 > file2 | wc -l | echo 42]
    Bash: [42]
    Minishell: [file1: No such file or directory]

    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: [2]
        file3: [3]
        file4: [4]

TEST 148: KO
    Input: [cat < file1 | grep 1 > file2 | wc -l | echo 42 | echo 21]
    Bash: [21]
    Minishell: [file1: No such file or directory]

    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: [2]
        file3: [3]
        file4: [4]

TEST 149: KO
    Input: [> file1 | echo 42 | cat < file1 | grep 1 > file2 | wc -l]
    Bash: [0]
    Minishell: [file1: No such file or directory]

    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: [1]
        file2: [2]
        file3: [3]
        file4: [4]

TEST 150: KO
    Input: [< file1 | echo 42 > file2 | grep 1 | wc -l]
    Bash: [0]
    Minishell: [file1: No such file or directory]

    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: [2]
        file3: [3]
        file4: [4]

TEST 151: KO
    Input: [cat < file1 | cat > file2 < file1 | wc -l]
    Bash: [0]
    Minishell: [file1: No such file or directory]

    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: [2]
    file3: [3]
    file4: [4]

TEST 152: KO
    Input: [echo 42 > file1 | cat | wc -l]
    Bash: [0]
    Minishell: [file1: No such file or directory]

    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: [1]
        file2: [2]
        file3: [3]
        file4: [4]

TEST 153: KO
    Input: [echo 42 < file1 | cat | wc -l]
    Bash: [1]
    Minishell: [file1: No such file or directory]

    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 155: KO
    Input: [>> file1 | echo 42]
    Bash: [42]
    Minishell: [file1: No such file or directory]

    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 156: KO
    Input: [> file1 | cat < file1]
    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: [1]
        file2: [2]
        file3: [3]
        file4: [4]


--------------------------------------------------------------------

TEST 157: KO
    Input:      [> file1 | echo 42 < file1 | cat file1]
    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: [1]
        file2: [2]
        file3: [3]
        file4: [4]


--------------------------------------------------------------------

TEST 161: KO
    Input:      [cat < file1 >> file2 > file1 | cat]
    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: [1]
    file2: [2]
    file3: [3]
    file4: [4]

TEST 162: KO
    Input: [cat < file1 >> file2 > file1 | cat | echo 21]
    Bash: [21]
    Minishell: [file1: No such file or directory]

    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: [1]
        file2: [2]
        file3: [3]
        file4: [4]

TEST 163: KO
    Input: [ls / | grep c | cat > file1]
    Bash: []

Minishell: []

Lab creation:
   cat 1 > file1
   cat 2 > file2
   cat 3 > file3
   cat 4 > file4

Files content - Bash:
   file1: [etc\nproc]
   file2: [2]
   file3: [3]
   file4: [4]

Files content - Minishell:
   file1: [1]
   file2: [2]
   file3: [3]
   file4: [4]

TEST 165: KO
   Input: [ls / | grep home | wc -l | < file1 > file2 | cat]
   Bash: []
   Minishell: []

   Lab creation:
      cat 1 > file1
      cat 2 > file2
      cat 3 > file3
      cat 4 > file4

   Files content - Bash:
      file1: [1]
      file2: []
      file3: [3]
      file4: [4]

   Files content - Minishell:
      file1: [1]
      file2: [2]
      file3: [3]
      file4: [4]