

# “Pipeline Master” Project Brief

## Task 1

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In this task you are asked to use the `ls` command to list out all of the contents in your `/etc` and your `/run` folders.

First, deal with the `/etc` folder. Use the `ls` command to list its contents and redirect those contents to a file called `file1.txt`

Do the same for the `/run` folder but redirect the content to a file called `file2.txt` instead.

There should be 2 commands required to complete this. Please show these commands in your submission.

**Hint:** `ls /foo` will list the contents in the `/foo` directory.

## Task 2

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Once you have `file1.txt` and `file2.txt` created, it is time to complete task 2 of the assignment!

In Task 2, you are asked to use the `cat` command to combine together (i.e. concatenate) `file1.txt` and `file2.txt` into another file called `unsorted.txt`

But, *in the same pipeline* you are also asked to also use the `sort` command with the `r` option to reverse the output from the `cat` command and redirect that reversed output to another file called `reversed.txt`

Task 2 should all be completed in one pipeline. Please show this pipeline in your submission.

**Note:** Solutions using the `tac` command (reverse of the `cat` command) will not be valid.

**Hint:** Take a look at the `tee` command

Submission Guidelines Below:

## Submission Guidelines

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In the submission you should include 3 commands

1. The command you used to create `file1.txt` in Task 1.
2. The command you used to create `file2.txt` in Task 1.
3. The pipeline you used to create `unsorted.txt` and `reversed.txt` in Task 2.

**Please also include how long it took you to complete the assignment.** This is so that I can make the estimation of how long the assignment takes more accurate over time.

**Please also mark your submission open for feedback from other students** so that you can receive feedback as fast as possible. Due to the high volume of submissions it is unlikely that I will be able to give everyone personalised feedback, but please take a look at the instructor example to see my solution after you have submitted your assignment.

**Important: You can only submit this assignment *once*.** This is due to how Udemy's system works and is beyond my control unfortunately.

To read more about how Udemy's assignment system works, please [read the guidelines here](#).

Other than that, I wish you the best of luck with your assignment! You won't recognise yourself after you have completed it and the assignment will serve as a badge of honor for you going forward! Good luck!!!!

Ziyad