

## Part 2: Write a script to move a fastq file

The goal of this part is to learn how to take a series of steps like you ran above and combine them into a single script that you can run for reproducibility.

Things you need to do on the short read server:

1. Make a new file called **download\_fastq.sh** in your **workshop-day2/scripts** directory
2. Add **#!/bin/bash** as the first line so that our system knows this is a shell script
3. Write a series of commands on separate lines in your script to copy the fastq files from **/scratch/Shares/public/sread2022/data\_files/day4/fastq** and put them in your **workshop-day2/data** directory.
4. Modify permissions on your script so that it is executable
5. Run the script and make sure that your file downloads successfully
6. Back up your script and results to your home directory