

**Escaping the dash character:** Since there was not a case such that there is an another input after the option. The dash character did not cause any problems, so I passed the option as it is (dash + letter).

**Implementing redirection:** If there is an output redirection I open a file that can be written inside. Then, I use `dup2()` to duplicate the outputs to that file. But, if there is an input redirection I open a file that can be read-only. Then, I use `dup2()` to give the file as the input for the program.

**Threads:** I used a thread for each command, and a function that returns the argument list to `execvp` is passed while creating the thread. So that, threads are able to read the command features and execute them in the main function.