1 NAME

homework - Process and print the contents of a file line by line.

2 SYNOPSIS

homework [OPTIONS] File

3 DESCRIPTION

The **homework** program reads the contents of an input file and prints each line to standard output. It provides options to reverse each line, introduce a delay between lines, and log the status of the program.

4 OPTIONS

-h Display this help message.

-r Reverse each line before printing.

-d [delay] Specify a delay in seconds or fractions thereof. For example, -d 0.5 introduces a 500 milliseconds delay.

-H Print an HTTP response header (for use with web servers).

-p Process input files in parallel.

-L [logfile] Log the status of the program to a specified logfile.

5 EXAMPLES

Process a file in reverse with a 1-second delay:

```
homework -r -d 1 file.txt
```

Process a file in parallel with logging:

```
homework -p -L logfile.txt file1.txt file2.txt
```

6 SEE ALSO

- [getopt(3)](https://man7.org/linux/man-pages/man3/getopt.3.html)

- [fork(2)](https://man7.org/linux/man-pages/man2/fork.2.html)