```
.Homework
```

1 NAME

Homework - Read and print the contents of files with options.

2 SYNOPSIS

Homework [OPTIONS] [FILE. . .]

3 DESCRIPTION

Homework reads the contents of the specified input file(s) and prints them to STDOUT. Each line can be reversed and a delay can be added between each line. If no files are provided, the program can read from the standard input (stdin).

4 OPTIONS

- **-h, –help**: Display this help message.

- **-r, –reverse**: Reverse each line before printing.

- **-d DELAY, –delay DELAY**: Specify a delay in seconds or fractions thereof. Example: -d 0.5 for a 500 milliseconds delay.

5 FILE

The name(s) of the file(s) to be processed. If no files are provided, the program will read from the standard input (stdin).

6 RETURN VALUE

- 0 on success.

- 1 on failure.

7 EXAMPLES

- Homework -r -d 0.5 file1.txt file2.txt Read the contents of file1.txt and file2.txt, reverse each line, and print with a delay of 0.5 seconds between each line.

- Homework -d 1.0 -r -h Display the help message.

- cat file.txt | Homework -r -d 0.5 Read the contents of file.txt from the standard input (stdin), reverse each line, and print with a delay of 0.5 seconds between each line.

8 SEE ALSO

- [man(1)](https://linux.die.net/man/1/man)

- [cat(1)](https://linux.die.net/man/1/cat)

- [getopt(3)](https://linux.die.net/man/3/getopt)

- [usleep(3)](https://linux.die.net/man/3/usleep)

- [fopen(3)](https://linux.die.net/man/3/fopen)