

Project 1: Warmup to C and Unix programming

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Features

- ./reverse` — read from stdin, write to stdout (exits using 0)
- ./reverse input.txt` — read from `input.txt`, write to stdout
- ./reverse input.txt output.txt` — read `input.txt`, write reversed lines to `output.txt`

Build

``` Bash

```
gcc -std=c11 -Wall -o reverse reverse.c
```

## Usage example:

```
essej@JessePC:~/kaysys$ cd ./projekti1/
essej@JessePC:~/kaysys/projekti1$ gcc -std=c11 -Wall -o reverse reverse.c
essej@JessePC:~/kaysys/projekti1$./reverse
hello
world
0
world
hello
essej@JessePC:~/kaysys/projekti1$./reverse input.txt
a file
is
this
hello
essej@JessePC:~/kaysys/projekti1$./reverse input.txt output.txt
essej@JessePC:~/kaysys/projekti1$
```

Input and output files:

| output.txt             | input.txt             |
|------------------------|-----------------------|
| projekti1 > output.txt | projekti1 > input.txt |
| 1 a file               | 1 hello               |
| 2 is                   | 2 this                |
| 3 this                 | 3 is                  |
| 4 hello                | 4 a file              |
| 5                      |                       |