

【C】 Day6(2)

▼ Course	Advanced C
📅 Study Date	@April 12, 2022

【Ch7】 Input and Output

7.7 Line Input and Output

The standard library provides an input routine `fgets` that is similar to the `getline` function:

```
char *fgets(char *line, int maxline, FILE *fp)
```

`fgets` reads the next input line from the file `fp` into the character array `line`.

At most `maxline-1` characters will be read. The resulting line is terminated with `\0`.

Normally, `fgets` returns `line`; on end of file or error it returns `NULL`.

For output, the function `fputs` writes a string to a file:

```
int fputs(char *line, FILE *fp)
```

It returns `EOF` if an error occurs, and zero otherwise.

The library functions `gets` and `puts` are similar to `fgets` and `fputs`, but operate on `stdin` and `stdout`.

Confusingly, `gets` deletes the terminal `\n`, and `puts` adds to it.