Structure

```
├── README.pdf          # This file
├── http-server.c       # Server program
├── Makefile            # make, make run, make clean
└── www                 # [Directory] unzipped www.zip
```

How to Run

```
http-server$ make                       # compile server program
http-server$ make run                   # run the server on port 7000
http-server$ ./http_server <port>       # run the server on <port>
http-server$ make clean                 # delete binary file (http-server)
```

What I Tested

Using the provided www.zip, I confirmed that all required file extensions (png, gif, jpg, txt) are correctly shown in Chrome. Also, when I request non-existing URI and non-supported file type (EX: .pdf), the error message is shown (500 Internal Server Error).

I confirmed that the program suports pipelining and POST method using commands as follows:

```
(echo -en "GET /test.html HTTP/1.1\r\nHost: localhost\r\nConnection: Keep-
alive\r\n\r\n"; sleep 10; echo -en "GET /test.html HTTP/1.1\r\nHost:
localhost\r\n\r\n") | nc 127.0.0.1 7000
```

```
(echo -en "POST /index.html HTTP/1.1\r\nHost: localhost\r\nConnection: Keep-
alive\r\n\r\nPOSTDATA") | nc 127.0.1.1 7000
```