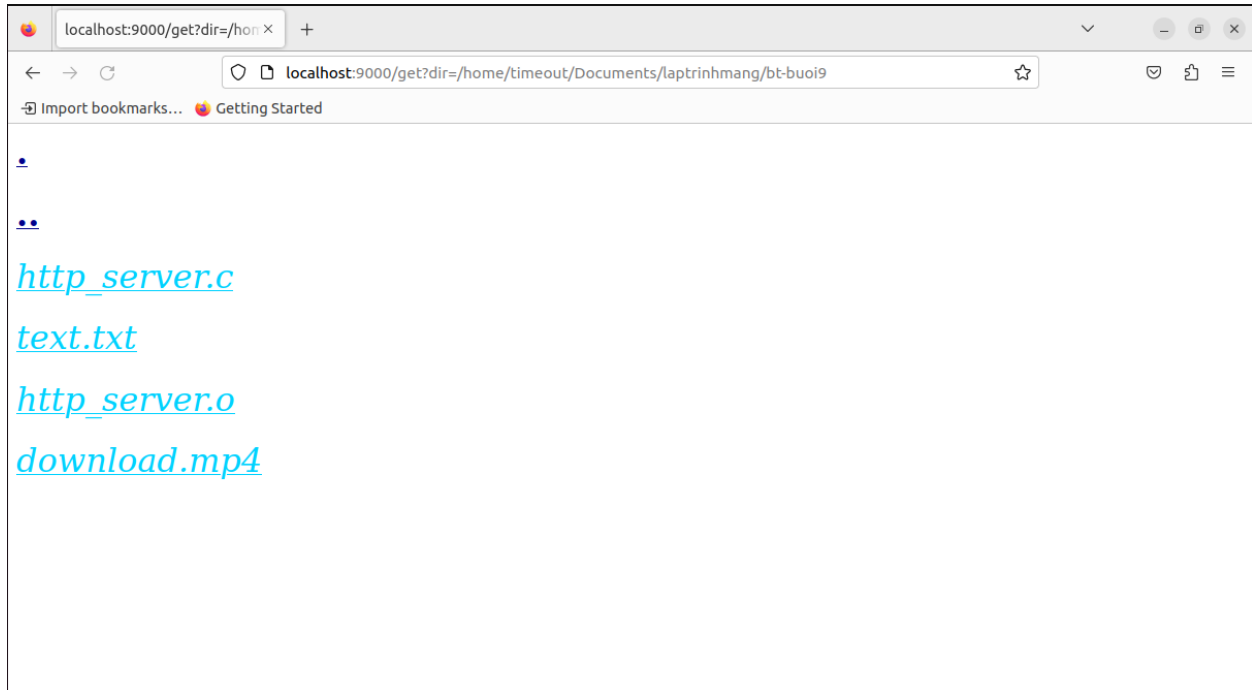


Nguyễn Trung Đức 20204725

Ảnh chạy thử http-server



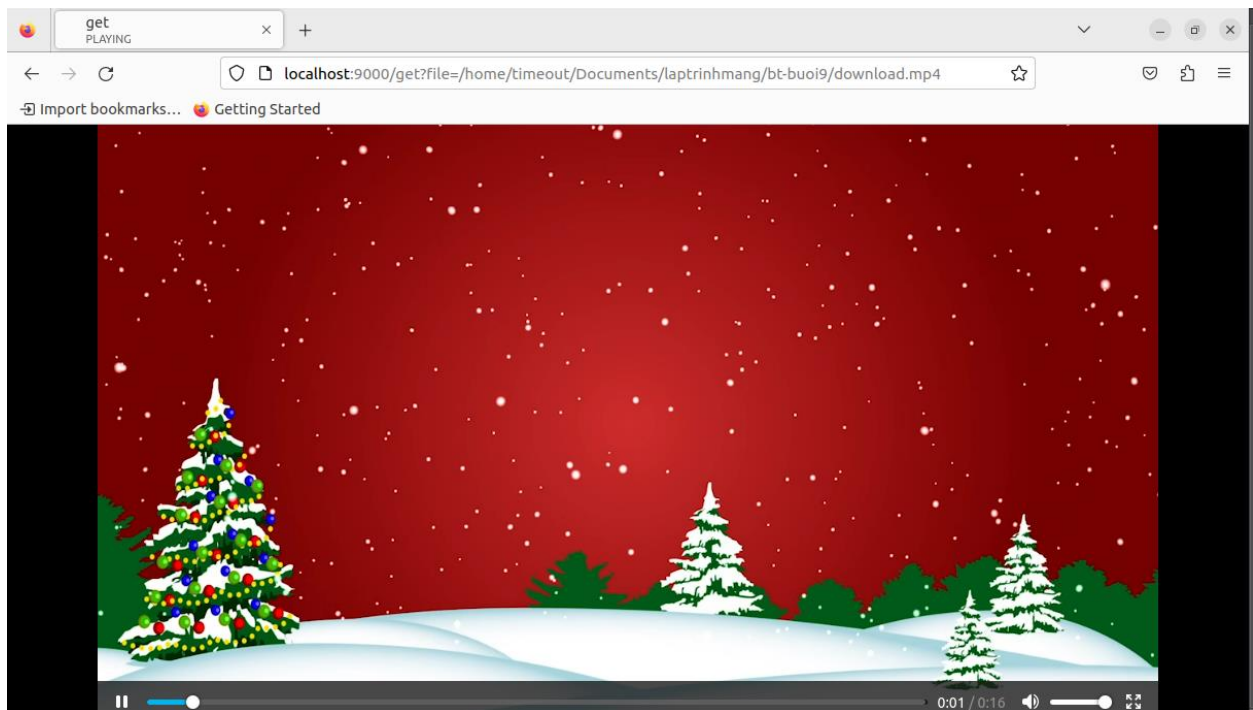
```
localhost:9000/get?file=/home/timeout/Documents/laptrinhmang/bt-buoi9/http_server.c
localhost:9000/get?file=/home/timeout/Documents/laptrinhmang/bt-buoi9/http_server.c
Import bookmarks... Getting Started

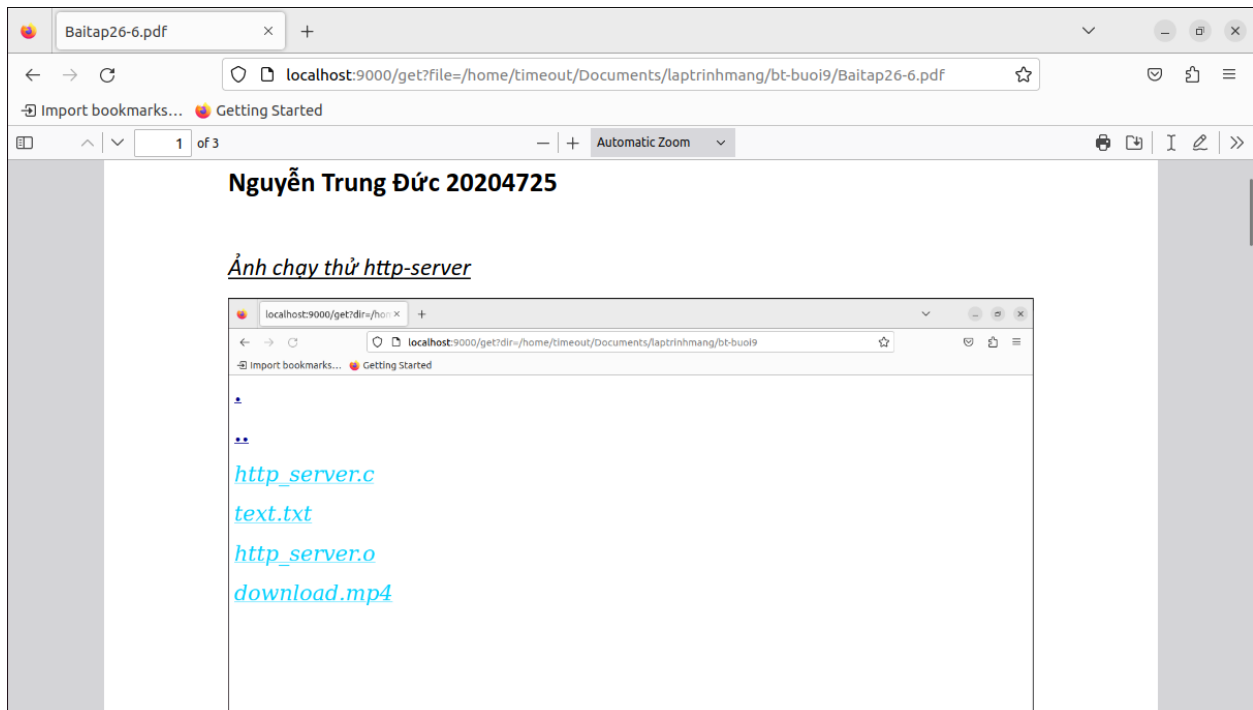
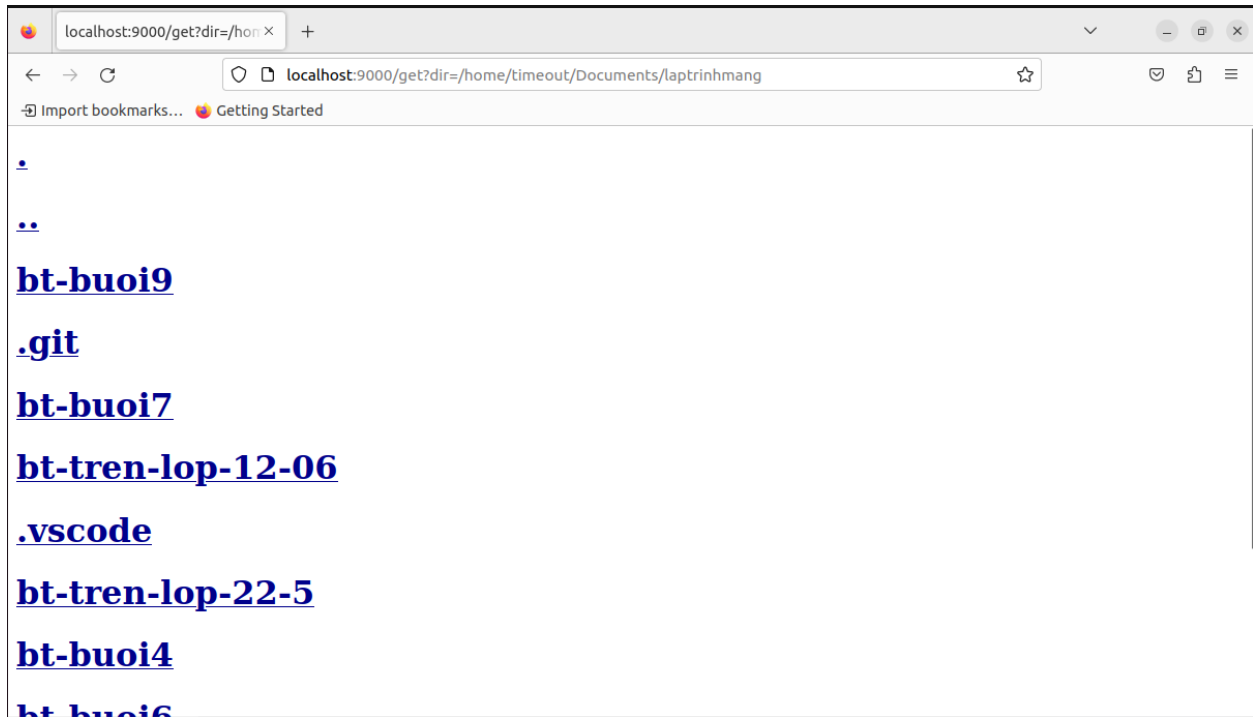
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <sys/types.h>
#include <sys/socket.h>
#include <unistd.h>
#include <netdb.h>
#include <arpa/inet.h>
#include <signal.h>
#include <sys/types.h>
#include <sys/wait.h>
#include <pthread.h>
#include <limits.h>
#include <dirent.h>

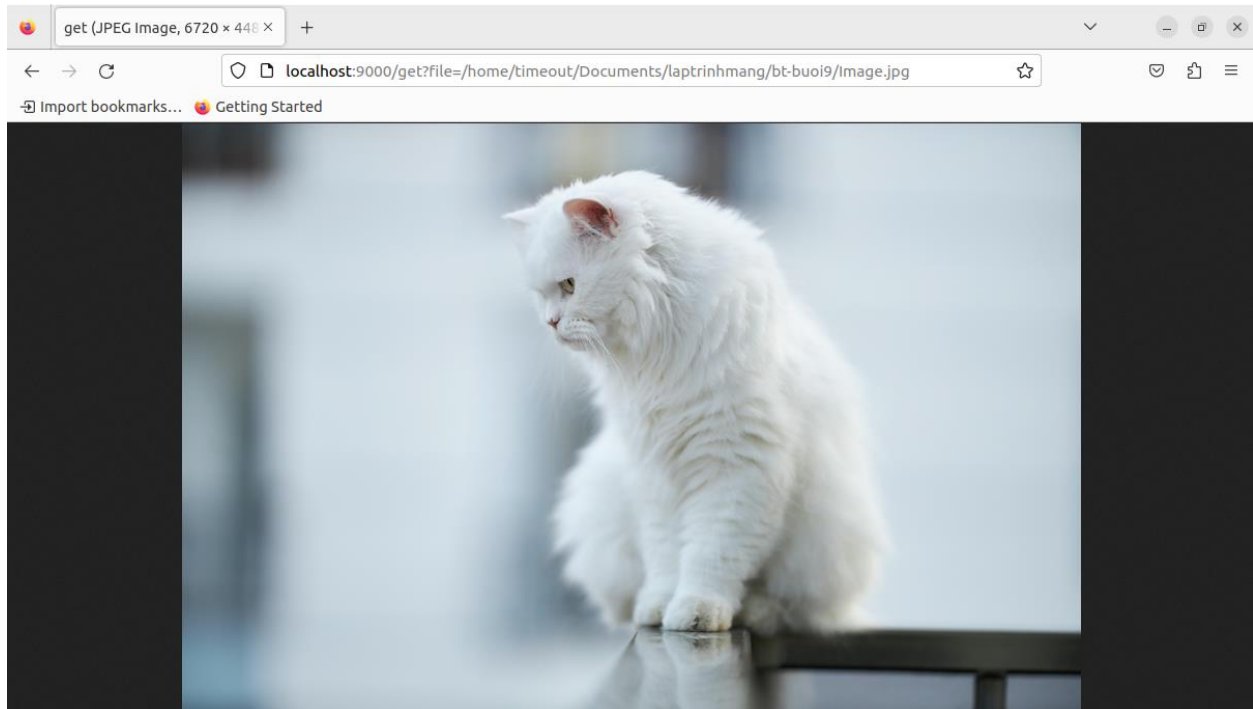
int port;

char* getParentPath(char *path)
{
    char *ptr = strrchr(path, '/');
    if (ptr == path)
    {
        return NULL;
    }
    else
    {
        int length = ptr - path;
        char *parent = malloc(length + 1);
        memcpy(parent, path, length);
        parent[length] = 0;
        return parent;
    }
}

void signal_handler(int signo)
{
    wait(NULL);
}
```







```
PROBLEMS 2 DEBUG CONSOLE OUTPUT TERMINAL
./http_server.o - bt-buoi9 + - - - - - x

GET /get?dir=/home/timeout/Documents/laptrinhmang/bt-buoi9 HTTP/1.1
Host: localhost:9000
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:109.0) Gecko/20100101 Firefox/113.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Upgrade-Insecure-Requests: 1
Sec-Fetch-Dest: document
Sec-Fetch-Mode: navigate
Sec-Fetch-Site: none
Sec-Fetch-User: ?1

Client has connected: 127.0.0.1:47462

GET /get?file=/home/timeout/Documents/laptrinhmang/bt-buoi9/Image.jpg HTTP/1.1
Host: localhost:9000
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:109.0) Gecko/20100101 Firefox/113.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Referer: http://localhost:9000/get?dir=/home/timeout/Documents/laptrinhmang/bt-buoi9
Upgrade-Insecure-Requests: 1
Sec-Fetch-Dest: document
Sec-Fetch-Mode: navigate
Sec-Fetch-Site: same-origin
Sec-Fetch-User: ?1
```