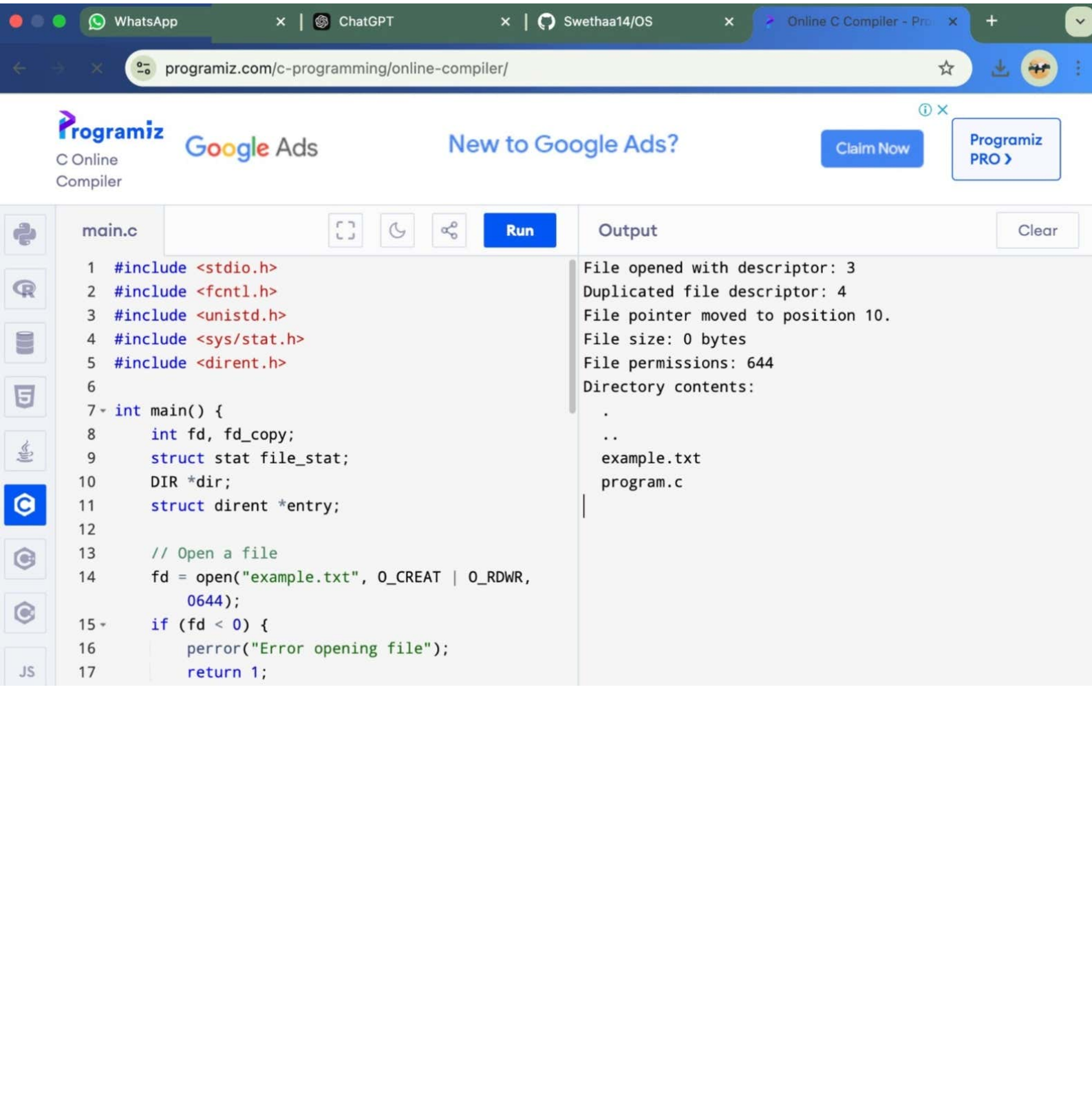
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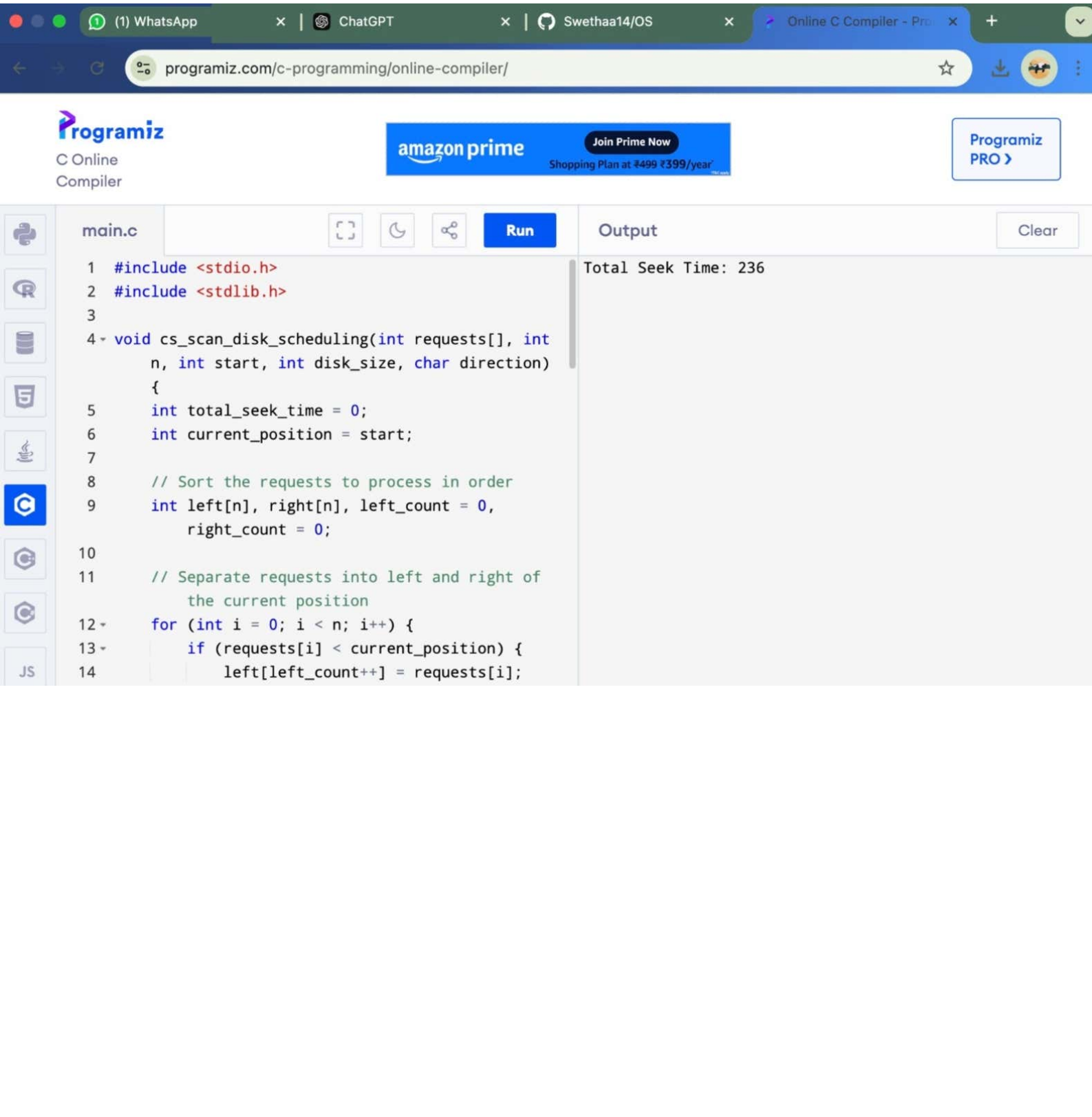
main.c
Run
Output
Clear
#include <stdio.h>
#include <fcntl.h>
#include <unistd.h>
#include <sys/stat.h>
#include <dirent.h>
int main() {
int fd, fd_copy;
struct stat file_stat;
DIR *dir;
struct dirent *entry;
// Open a file
fd = open("example.txt", O_CREAT | O_RDWR, 0644);
if (fd < 0) {
perror("Error opening file");
return 1;
File opened with descriptor: 3
Duplicated file descriptor: 4
File pointer moved to position 10.
File size: 0 bytes
File permissions: 644
Directory contents:
.
..
example.txt
program.c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main.c
Run
Output
Clear
#include <stdio.h>
#include <stdlib.h>
void cs_scan_disk_scheduling(int requests[], int n, int start, int disk_size, char direction) {
int total_seek_time = 0;
int current_position = start;
// Sort the requests to process in order
int left[n], right[n], left_count = 0, right_count = 0;
// Separate requests into left and right of the current position
for (int i = 0; i < n; i++) {
if (requests[i] < current_position) {
left[left_count++] = requests[i];
Total Seek Time: 236