Develop a C program for simulating the function of ls UNIX Command.

#include <stdio.h>

#include <dirent.h>

#include <stdlib.h>

int main(int argc, char \*argv[]) {

DIR \*dir;

struct dirent \*entry;

char \*path;

if (argc == 2)

path = argv[1];

else

path = ".";

dir = opendir(path);

if (dir == NULL) {

perror("Unable to open directory");

return 1;

}

printf("Contents of directory: %s\n", path);

while ((entry = readdir(dir)) != NULL) {

printf("%s\n", entry->d\_name);

}

closedir(dir);

return 0;

}