

```

#include <stdio.h>

#include <stdlib.h>

#include <dirent.h>

int main(int argc, char *argv[]) {
    DIR *directory;
    struct dirent *entry;

    const char *dir_path = (argc > 1) ? argv[1] : "."; // Default to current directory if no path is provided

    // Open the directory
    directory = opendir(dir_path);
    if (directory == NULL) {
        perror("opendir");
        exit(EXIT_FAILURE);
    }

    // Read and print directory entries
    printf("Contents of directory %s:\n", dir_path);
    while ((entry = readdir(directory)) != NULL) {
        printf("%s\n", entry->d_name);
    }

    // Close the directory
    if (closedir(directory) == -1) {
        perror("closedir");
        exit(EXIT_FAILURE);
    }

    return 0;
}

```

```
C:\Users\kondu\OneDrive\ID x + v
Untitled19.exe
Untitled2.cpp
Untitled2.exe
Untitled20.cpp
Untitled20.exe
Untitled21.cpp
Untitled21.exe
Untitled22.cpp
Untitled22.exe
Untitled23.cpp
Untitled23.exe
Untitled3.cpp
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Untitled4.cpp
Untitled4.exe
Untitled5.cpp
Untitled5.exe
Untitled6.cpp
Untitled6.exe
Untitled7.cpp
Untitled7.exe
Untitled8.cpp
Untitled8.exe
Untitled9.cpp
Untitled9.exe
Virtual Machines

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Process exited after 0.04058 seconds with return value 0
Press any key to continue . . . |
```