User Manual: Running Name Sorter on a Windows platform

# Introduction

This user manual provides step-by-step instructions on how to run ***Name Sorter*** applications in Windows operating systems. This application is a console application which is a text-based program that runs within a command-line interface (CLI), providing a powerful and flexible way to interact with your computer.

# Prerequisites

Before running console applications in Windows, ensure the following:

1. **Windows Operating System**: You need a computer running a Windows 7 operating system or higher.
2. **Command Prompt**: Command Prompt is the default CLI in Windows. Ensure it's accessible on your system. You can open it by searching for "Command Prompt" in the Start menu.

# Steps to Run the Application

Follow these steps to run Name Sorter in Windows:

**Step 1**: Navigate to the Application Directory

Navigate to the directory where the application executable (`.exe`) file is located. You can use File Explorer to navigate to the directory.

**Step 2**: Open Command Prompt

Open Command Prompt by searching for "Command Prompt" in the Start menu. Click on the Command Prompt icon to open it.

**Step 3**: Run the Application

Once Command Prompt is open, you need to navigate to the directory where the application executable is located. You can use the `cd` command to change directories. For example, if your application is located in `**C:\Name Sorter**`, you can navigate to that directory by typing:



**Step 4**: Execute the Application

Once you're in the directory containing the application executable, you can execute the application by typing its name followed by the name of the unsorted name list text file. For example,



Application process

By executing this application, The Name Sorter application performs the following actions:

* Validates the input argument. It expects only one argument, which is the path to the input text file.
* Reads the names from the input file into a list.
* Sorts the list alphabetically by last name and then by any given names.
* Displays the sorted list on the console.
* Saves the sorted list into a new text file named "sorted-names-list.txt".