**Building the application using csc:**

These instructions will help explain how to build the project using csc. For help with setting up check out [Microsoft’s Documentation](https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/compiler-options/command-line-building-with-csc-exe) and this website on [how to set your path](http://people.cs.ksu.edu/~schmidt/200s08/findCsharp.html)

1. Ensure you have csc set up
2. Ensure that all files are included in the same directory. You should have: GooglePlacesAPI.cs, OpenWeatherAPI.cs, Program.cs, netstandard.dll, Newtonsoft.Json.dll, and System.net.Http.dll
3. In your command prompt/terminal navigate to the directory these files are located in
4. In your command prompt/terminal enter the following line
   * csc GooglePlacesAPI.cs OpenWeatherAPI.cs Program.cs -r:netstandard.dll -r:Newtonsoft.Json.dll -r:System.Net.Http.dll
5. This will create an executable file usually called “Program.exe”

**Building the application using dotnet:**

These instructions will help explain how to build the project using the dotnet command. For more information check out [Microsoft’s Documentation](https://docs.microsoft.com/en-us/dotnet/core/tools/dotnet)

1. Ensure that all files are included in the same directory. You should have: GooglePlacesAPI.cs, OpenWeatherAPI.cs, Program.cs, and Program2.csproj
2. In your command prompt/terminal navigate to the directory these files are located in
3. In your command prompt/terminal enter the following line
   * dotnet build Program2.csproj
4. The application should have built successfully and the directory should now contain the “bin” and “obj” directory

**Running the application using the csc built executable file:**

These instructions explain how to run the executable file created by using the csc way to build

1. Ensure you built the project using csc
2. Locate the directory that the executable file is in (This should appear in the same directory as GooglePlacesAPI.cs, OpenWeatherAPI.cs, Program.cs, netstandard.dll, Newtonsoft.Json.dll, and System.net.Http.dl)
3. In your command prompt/terminal navigate to the directory with the files from step 2
4. Enter into your command prompt/terminal the following line
   * Program2.exe city

Where city is the name of the city that you would like to run the application on.

EX: Program2.exe Vancouver

**Running the application using dotnet:**

1. Ensure that you have completed the steps to build the application using dotnet
2. Be in the same directory that GooglePlacesAPI.cs, OpenWeatherAPI.cs, Program.cs, and Program2.csproj are found in after building the project
3. Enter into your command prompt/terminal the following line
   * dotnet run city

Where city is the name of the city that you would like to run the application on.

EX: dotnet run Seattle

**Running the application using the dotnet built executable file:**

These instructions are to run the program after following the build instructions for dotnet

1. Ensure that your command prompt/terminal is in the directory where you used the “dotnet build Program2.csproj” command.
   * Building the application should have created a bin and a obj directory
2. In your command prompt/terminal navigate into the bin directory
3. In your command prompt/terminal navigate into the Debug directory
4. In your command prompt/terminal list all directories that are in the debug directory, then navigate into the directory that exists here
   * On my device it is shown as “netcoreapp3.1”
5. Once you have navigated here you should be in a directory that contains “Program2.exe” and various other files
6. Enter into your command prompt/terminal the following line
   * Program2.exe city

Where city is the name of the city that you would like to run the application on.

EX: Program2.exe San Diego

**Running the application using the provided executable file:**

These instructions assume that the project has not been built at all

1. Locate the directory that files within the zip file for this program are located in
2. In that directory you should find a directory called “RunProgramWithoutBuilding”
3. In your command prompt/terminal navigate to the “RunProgramWithoutBuilding” directory
   * In this directory you should find these files: Newtonsoft.Json.dll, Program2.dll, Program2.runtimeconfig.json, and Program2.exe
4. Enter into your command prompt/terminal the following line
   * Program2.exe city

Where city is the name of the city that you would like to run the application on.

EX: Program2.exe Toronto