

1. Use GCC compiler to compile the program, platform is windows or Linux.
2. The program is show as below:

```
int main() {  
    //Function1  
    StronglyConnectivity("busStops.txt", "BusNames.txt", "BusRoutes.txt", "Distance.txt");  
    //Function2  
    maximalStronlyComponents("busStops.txt", "BusNames.txt", "BusRoutes.txt", "Distance.txt");  
    //Function3  
    reachableStops("George Street", "busStops.txt", "BusNames.txt", "BusRoutes.txt", "Distance.txt");  
    //Function4  
    TravelRoute("Cumberland", "South Head", "busStops.txt", "BusNames.txt", "BusRoutes.txt", "Distance.txt");  
    return 0;  
}
```

To test function 1 & 2, put the relative txt file in the same folder with the C file.

To test function 3, change the text "George Street" to the bus stop you want to test.

To test function 4, change the text "Cumberland" and "South Head" to the bus stops you want to test.

3. Please change the file name to be same as the main function show.
4. The max number of bus stop is set to be 100. If the test stop is exceed 100, please go

to function123.h and function4.h to change

```
#define Max_Node 100
```

and

```
#define MAXVEX 100
```