

**Jared Bumgardner**  
**Data Structures & Algorithms 2**  
**Project 2**  
**User's Manual**

**Setup & Compilation**

- Download and unzip the submission from eLearning on a Linux box in the multi-platform lab.
- The submission includes:
  - main.c
  - makefile
  - UMLDiagram.pdf
  - UsersManual.pdf (this file)
- Environment: This program has not been tested in the multi-platform lab but may run there. I don't know how to log into the servers.
- Compiling: This program includes a makefile. At the command line in Linux, type make. The program produces an executable entitled proj2

**Running the program**

Issue the command `./proj2`. No command line arguments are required or checked

**User Input**

Program requires various simulation parameters. User is prompted for these at the beginning of program execution.

**Output**

All output goes to the console. Output will be similar to this: Program does not output statistics because of a logic error hidden somewhere in the code.

```
$ ./proj2
===== QUEUE SIMULATOR 2020 =====
Enter number of arrivals (n):
50000
Enter average arrivals (l):
10
Enter average customers served (u):
15
Enter number of service channels (M):
3
=====

===== RESULTS =====
Po =
L =
W =
Lq =
Wq =
Rho =
=====
```