# README

Files:

* routers.c: contains implementation for a single router instance

router\_utils.c: contains utility functions for routers

* DieWithMessage.c: contains methods for standard exit messages including DieWithSystemMessage and DieWithUserMessage
* MySelect.{c, o}: a proof of concept project for select() I implemented before integrating all of the other router functionality
* client: an executable client for communicating with my MySelect program

Make file: make using command:

make -f makefile

How to compile:

* To compile use the command:

gcc router.c -o router

How to run:

* To run an instance of the router, use the command:

./router <directory> <router>

Debug mode:

* To run the router program in debug mode, open and modify the DEBUG flag found in router\_utils.c. DEBUG = 1 runs debug mode. If you change the value, you will have to re-compile using the makefile.

Running the changelink and printtables commands:

* changelink

python ./changelink test2 A B 7

* printtables

python ./printtables test2 A