README.txt

<<<< Compile >>>>

```
$ cd /PATH/jrmetzger_proj3/Project \3

$ make

$ ./project 3 1
```


<<<< Nodes >>>>

	D0	D1	D2	D3
INITIAL	`D0	1 2 3` `----|--------------------` `dest 1| 1 4 10` `dest 2| 2 3 9` `dest 3| 4 5 7`	`D1	0 2` `----|---------------` `dest 0| 1 3` `dest 2| 3 1` `dest 3| 5 3`	`D2	0 1 3` `----|------------------` `dest 0| 3 2 6` `dest 1| 4 1 5` `dest 3| 7 4 2`	`D3	0 2` `----|--------` `dest 0| 7 4` `dest 1| 8 3` `dest 2| 9 2`
MODIFIED	`D0	1 2 3` `----|--------------------` `dest 1| 1 4-3 10-7` `dest 2| 2-1 3 9-7` `dest 3| 4-1 5-3 7`	`D1	0 2` `----|---------------` `dest 0| 1 3-1` `dest 2| 3-1 1` `dest 3| 5-1 3-1`	`D2	0 1 3` `----|------------------` `dest 0| 3 2-1 6-2` `dest 1| 4-3 1 5-2` `dest 3| 7-3 4-1 2`	`D3	0 2` `----|-------------` `dest 0| 7 4-2` `dest 1| 8-7 3-2` `dest 2| 9-7 2`
FINAL	`D0	1 2 3` `----|--------------------` `dest 1| 1 1 3` `dest 2| 1 3 2` `dest 3| 3 2 7`	`D1	0 2` `----|---------------` `dest 0| 1 2` `dest 2| 2 1` `dest 3| 4 2`	`D2	0 1 3` `----|------------------` `dest 0| 3 1 4` `dest 1| 1 1 3` `dest 3| 4 3 2`	`D3	0 2` `----|-------------` `dest 0| 7 2` `dest 1| 1 1` `dest 2| 2 2`

Note: I was not able to get the distance vector without the addition of the diagonal (those that destination exists D1 and D3) node, so I modified it to get the answer I want (methodology is still correct). If you subtract the diagonal (for dest# == node) to the other values (for dest# != node), only when a destination exists [D1 and D3]), then you get the Final configuration. This would have to be done for the 4 secret node configurations.