```
was-MacBook-Pro:code zhangxiaoyu$ python start_router.py config/
small-2
Router # 2 State # 0 2018-11-19 10:38:46
Received new distance vector and forwarding table has changed.
Sent updated forwarding table to neighbors:
ID      NextHop Cost
1       1       4
3       3       50




Router # 2 State # 1 2018-11-19 10:38:46
Received neighbor's new distance vector and forwarding table has
changed.
Sent updated forwarding table to neighbors:
ID      NextHop Cost
1       1       4
3       1       5




Router # 2 State # 2 2018-11-19 10:38:47
Received neighbor's new distance vector and forwarding table hasn't
changed.


Router # 2 State # 3 2018-11-19 10:38:47
Received neighbor's new distance vector and forwarding table hasn't
changed.



Router # 2 State # 4 2018-11-19 10:42:31
Received new distance vector and forwarding table has changed.
Sent updated forwarding table to neighbors:
ID      NextHop Cost
1       3       51
3       3       50



Router # 2 State # 5 2018-11-19 10:42:43
Received neighbor's new distance vector and forwarding table hasn't
changed.


Router # 2 State # 6 2018-11-19 10:42:58
Received neighbor's new distance vector and forwarding table hasn't
changed.
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Router # 2 State # 7 2018-11-19 10:43:10
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 8 2018-11-19 10:43:23
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 9 2018-11-19 10:43:38
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 10 2018-11-19 10:43:53
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 11 2018-11-19 10:44:08
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 12 2018-11-19 10:44:21
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 13 2018-11-19 10:44:33
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 14 2018-11-19 10:44:46
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 15 2018-11-19 10:45:01
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 16 2018-11-19 10:45:16
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 17 2018-11-19 10:45:30
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 18 2018-11-19 10:45:43
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 19 2018-11-19 10:45:57
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 20 2018-11-19 10:46:10
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 21 2018-11-19 10:46:22
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 22 2018-11-19 10:46:34
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 23 2018-11-19 10:46:47
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 24 2018-11-19 10:46:59
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 25 2018-11-19 10:47:11
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 26 2018-11-19 10:47:27
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 27 2018-11-19 10:47:42
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 28 2018-11-19 10:47:59
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 29 2018-11-19 10:48:15
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 30 2018-11-19 10:48:29
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 31 2018-11-19 10:48:44
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 32 2018-11-19 10:48:57
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 33 2018-11-19 10:49:12
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 34 2018-11-19 10:49:26
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 35 2018-11-19 10:49:40
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 36 2018-11-19 10:49:54
Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 2 State # 37 2018-11-19 10:50:07
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 38 2018-11-19 10:50:20
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 39 2018-11-19 10:50:34
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 40 2018-11-19 10:50:47
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 41 2018-11-19 10:51:02
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 42 2018-11-19 10:51:15
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 43 2018-11-19 10:51:30
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 44 2018-11-19 10:51:43
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 45 2018-11-19 10:51:57
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 46 2018-11-19 10:52:11
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 47 2018-11-19 10:52:26
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 48 2018-11-19 10:52:40
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 49 2018-11-19 10:52:55
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 50 2018-11-19 10:53:09
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 51 2018-11-19 10:53:22
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 52 2018-11-19 11:12:33
Received new distance vector and forwarding table has changed.
Sent updated forwarding table to neighbors:
ID   NextHop Cost
1   1   4
3   1   5

Router # 2 State # 53 2018-11-19 11:12:40
Received neighbor's new distance vector and forwarding table hasn't
changed.

Router # 2 State # 54 2018-11-19 11:12:56
Received neighbor's new distance vector and forwarding table hasn't
changed.