

```
was-MacBook-Pro:code zhangxiaoyu$ python start_router.py config/  
small-1
```

```
Router # 1 State # 0 2018-11-19 10:38:44
```

```
Received new distance vector and forwarding table has changed.
```

```
Sent updated forwarding table to neighbors:
```

ID	NextHop	Cost
2	2	4
3	3	1

```
Router # 1 State # 1 2018-11-19 10:38:46
```

```
Received neighbor's new distance vector and forwarding table hasn't  
changed.
```

```
Router # 1 State # 2 2018-11-19 10:38:46
```

```
Received neighbor's new distance vector and forwarding table hasn't  
changed.
```

```
Router # 1 State # 3 2018-11-19 10:38:47
```

```
Received neighbor's new distance vector and forwarding table hasn't  
changed.
```

```
Router # 1 State # 4 2018-11-19 10:38:47
```

```
Received neighbor's new distance vector and forwarding table hasn't  
changed.
```

```
Router # 1 State # 5 2018-11-19 10:42:29
```

```
Received new distance vector and forwarding table has changed.
```

```
Sent updated forwarding table to neighbors:
```

ID	NextHop	Cost
2	3	6
3	3	1

```
Router # 1 State # 6 2018-11-19 10:42:44
```

```
Received neighbor's new distance vector and forwarding table hasn't  
changed.
```

```
Router # 1 State # 7 2018-11-19 10:42:58
```

```
Received neighbor's new distance vector and forwarding table has  
changed.
```

```
Sent updated forwarding table to neighbors:
```

ID	NextHop	Cost
----	---------	------

2	3	8
3	3	1

Router # 1 State # 8 2018-11-19 10:43:24

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	10
3	3	1

Router # 1 State # 9 2018-11-19 10:43:53

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	12
3	3	1

Router # 1 State # 10 2018-11-19 10:44:21

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	14
3	3	1

Router # 1 State # 11 2018-11-19 10:44:46

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	16
3	3	1

Router # 1 State # 12 2018-11-19 10:45:16

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
----	---------	------

2	3	18
3	3	1

Router # 1 State # 13 2018-11-19 10:45:43

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	20
3	3	1

Router # 1 State # 14 2018-11-19 10:46:10

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	22
3	3	1

Router # 1 State # 15 2018-11-19 10:46:34

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	24
3	3	1

Router # 1 State # 16 2018-11-19 10:46:59

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	26
3	3	1

Router # 1 State # 17 2018-11-19 10:47:27

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
----	---------	------

2	3	28
3	3	1

Router # 1 State # 18 2018-11-19 10:47:59

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	30
3	3	1

Router # 1 State # 19 2018-11-19 10:48:29

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	32
3	3	1

Router # 1 State # 20 2018-11-19 10:48:57

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	34
3	3	1

Router # 1 State # 21 2018-11-19 10:49:26

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	36
3	3	1

Router # 1 State # 22 2018-11-19 10:49:54

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
----	---------	------

2	3	38
3	3	1

Router # 1 State # 23 2018-11-19 10:50:20

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	40
3	3	1

Router # 1 State # 24 2018-11-19 10:50:47

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	42
3	3	1

Router # 1 State # 25 2018-11-19 10:51:15

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	44
3	3	1

Router # 1 State # 26 2018-11-19 10:51:43

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	46
3	3	1

Router # 1 State # 27 2018-11-19 10:52:11

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
----	---------	------

2	3	48
3	3	1

Router # 1 State # 28 2018-11-19 10:52:40

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	50
3	3	1

Router # 1 State # 29 2018-11-19 10:53:09

Received neighbor's new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	3	51
3	3	1

Router # 1 State # 30 2018-11-19 11:12:26

Received new distance vector and forwarding table has changed.

Sent updated forwarding table to neighbors:

ID	NextHop	Cost
2	2	4
3	3	1

Router # 1 State # 31 2018-11-19 11:12:46

Received neighbor's new distance vector and forwarding table hasn't changed.

Router # 1 State # 32 2018-11-19 11:12:56

Received neighbor's new distance vector and forwarding table hasn't changed.