

## 课后作业26

①.	0 2 3 X X		1 2 3 4 5	
	X 0 1 2 X	dist	0 2 3 X X	queue 2 3
	X X 0 9 2	P	1 1	
	X X X 0 2		1 2 3 4 5	
	X X X X 0	dist	0 2 3 4 X	queue 3 4
		P	1 1 2	
			1 2 3 4 5	
		dist	0 2 3 4 6	queue 4 5
		P	1 1 2 3	之后不会再更新

②.	0	2	3	x		1	2	3	4	
	x	0	1	2	dist	0	2	3	x	queue 2 3
	x	x	0	4	p		1	1		
	x	x	x	0		1	2	3	4	
					dist	0	2	3	4	queue 3 4
					p		1	1	2	之后不会再更新

⑤. 0 2 3 4 x x x x x x x 1 2 3 4 5 6 7 8 9 10 11

2 x 0 3 x 7 2 x x x x x dist 0 2 3 4

queue: 2 3 4

3 x x 0 x x 9 2 x x x x p 1 1 1

4 x x x 0 x x 2 x x x x 1 2 3 4 5 6 7 8 9 10 11

5 x x x x 0 x x 3 3 x x dist 0 2 3 4 9 4

queue: 3 4 6 5

6 x x x x x 0 1 x 3 x x p 1 1 1 2 2

7 x x x x x x 0 x 5 1 x 1 2 3 4 5 6 7 8 9 10 11

8 x x x x x x x 0 x x 3 dist 0 2 3 4 9 4 5

queue: 4 6 7 5

9 x x x x x x x 0 x 2 p 1 1 1 2 2 3

10 x x x x x x x x 2 0 2 1 2 3 4 5 6 7 8 9 10 11

11 x x x x x x x x x 0 dist 0 2 3 4 9 4 5 7

queue: 7 9 5

p 1 1 1 2 2 3 6

1 2 3 4 5 6 7 8 9 10 11

dist 0 2 3 4 9 4 5 7 6

queue: 10 9 5

p 1 1 1 2 2 3 6 7

1 2 3 4 5 6 7 8 9 10 11

dist 0 2 3 4 9 4 5 7 6 8

queue: 9 11 5

p 1 1 1 2 2 3 6 7 10

1 2 3 4 5 6 7 8 9 10 11

dist 0 2 3 4 9 4 5 11 7 6 8

queue: 8

p 1 1 1 2 2 3 5 6 7 10

之后不再更新