4. Selected

1	6	0	0	0	0	D
l	0	O	(	0	D	0
	0	0	1	0		0
1	l	٥	1	D	J	O
1	l	0	1	1	1	0
Ī	-			1		D
		(	1	l	l	1

distance

D	90	M	Ø	Ø	Ø	8
0	7	Ø	5	W	8	8
0	П	M	5	15	4	R
0	7	04	5	8	6	((
D	7	8	5	7	6	Ш
0	7	5	5	7	6	9
D	7	5	5	7	6	9

٥.	단계	정접	Jound	distance
	1	б	100000	05451000
	2	3	100100	0 50 45 10 95 00
	3	4	100110	045 45 10 25 00
	4	1	110110	0 45 10 25 內
	5	2	111110	045 45 10 25 00
	6	4	111110	0 45 45 10 25 00

0	50	45	lp	*	*	
¥	0	10	15	¥	¥	
¥	X	0	¥	30	¥	
20	No	65	0	15	K	
X	20	35	¥	0	*	
*	¥	*	×	3	0	



1. typedef Struct Graph Mode of typedef Struct Graph Type of int Vertexi int M

Struct Graph Mode \* link Graph Node \* ads\_list [MAX]

Graph Node

Graph Type

```
Void Shortest path (int Start, int 11)
     int in, w
     for (i = o i < g > n itt)
          distance[i] = Weight [stort][i]
          found [i] = FAISE
     form [Start] = TRUE
     distance [Start] = 0
     for (i=0 i< n-2 i+t) √
        W= Choose (distance M, Found)
        found[W] =TRUE
        for (w=o wkn w+t)
            if (!found[w])
               While (g) ad list[n] + Voten (=u)
                     9+ odjlist [w] = 9+ adjist[w]+ink
               if distance [w]+ g7 adi_list [vi] (distance [w])
                  distance [w] = listance[w] + 90 od_list [w]
```

Void Shortest\_path (int Start, int n)

int i, v, w

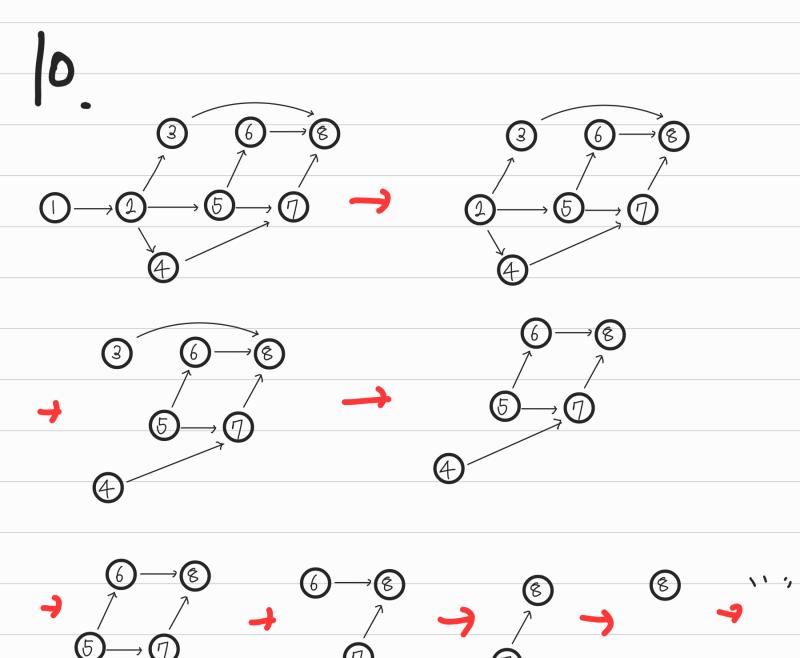
for ( i=0 i (n i +)

distance [i] = weight [Start][i]

3

9 distance: 1/2 3/20344 2/2/389 7/2/

0	59	45	10	*	×
0	50	45	Ю	25	*
0	45	45	(0	25	*
O	45	45	(0	25	¥
0	5	<b>4</b> 5	10	25	X



172737475967 778