

↓

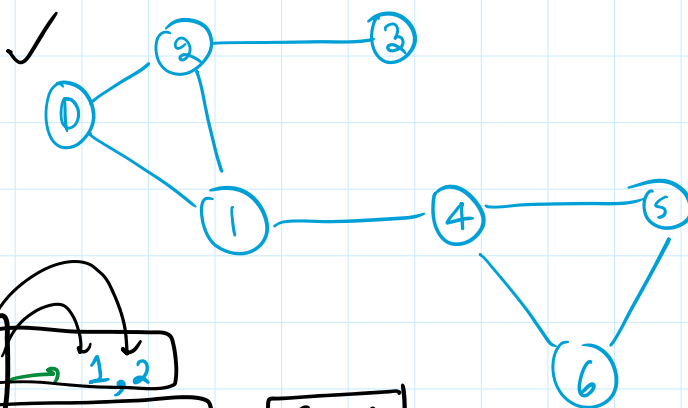
	S	H	D	A	(M)	B
Switz	✓	✓	✓	✓	✗	✗
Hawaii	✓	✓	✗	✗	✓	✗
Delhi	✓	✗	✓	✓	✗	✓

And.
moscow
Brazil

↑
 V+x
 Sw → Del, And, Hawaii
 Del →
 And →
 Brazil →
 Hawaii →
 Moscow →

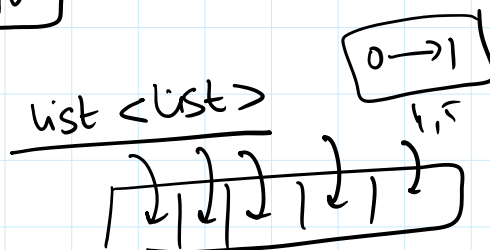
Adjelist
 M-H
 D-B

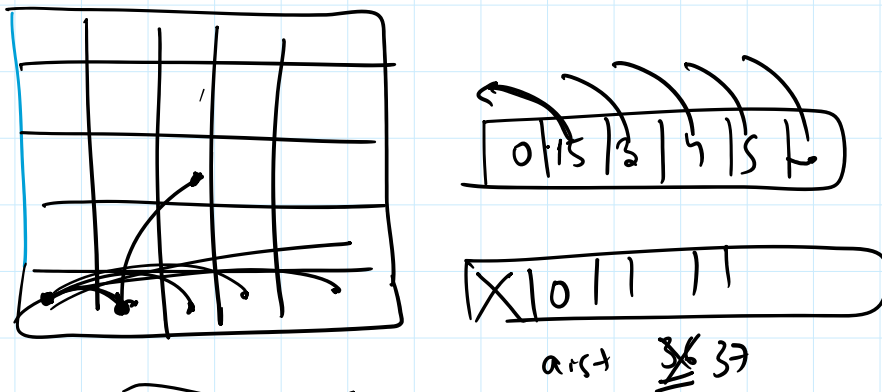
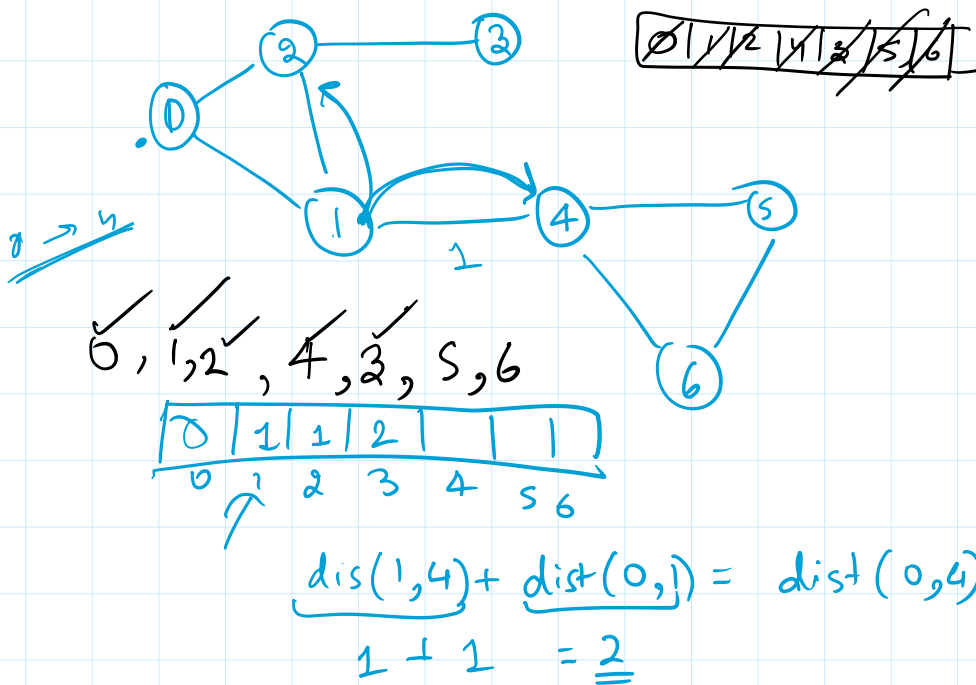
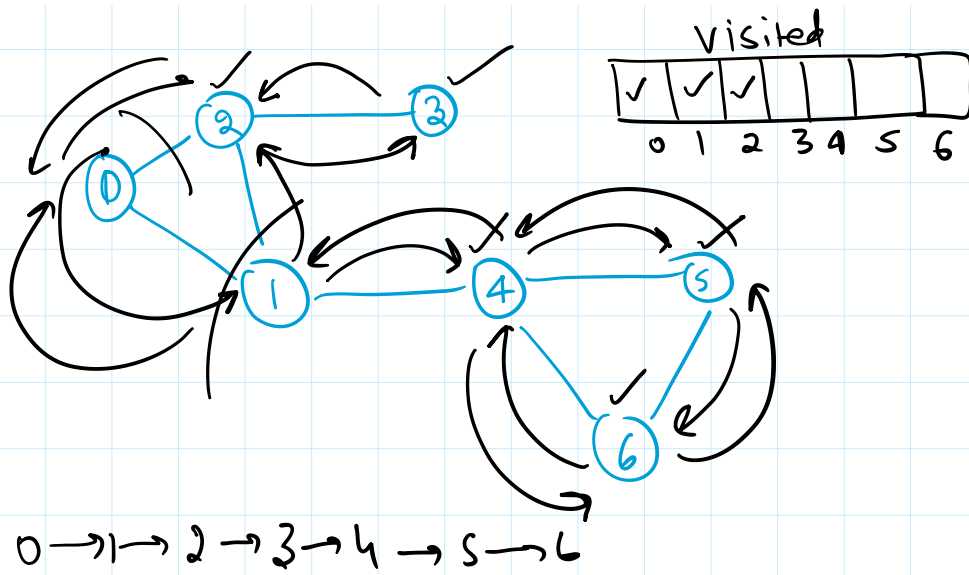
Adjacency list

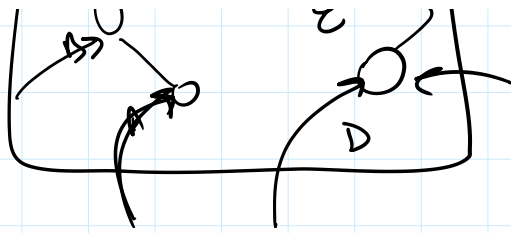


0	→ 1, 2
1	→ 0, 2, 4
2	→ 0, 1, 4
3	→ 2
4	→ 1, 5, 6
5	→ 4, 6
6	→ 4, 5

E+V

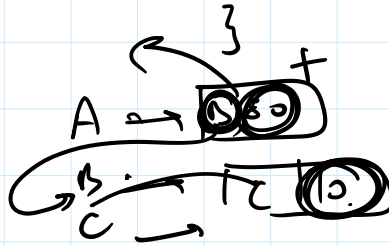






for (every v in V) {
 if (unvisited)
 dfs(v);
 ++cc

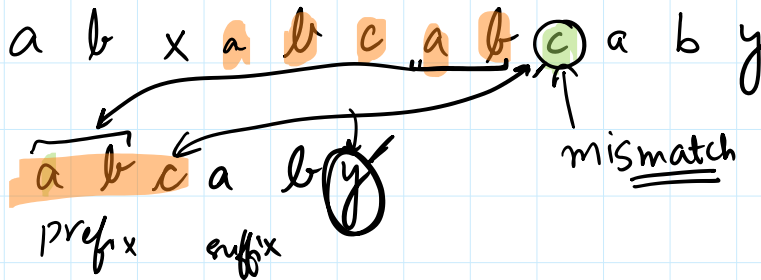
A 1 → (2, 80)



kmp

inp

pat



inp

i = 0 1 2 3 4 5 6 7 8 9 10
 A A A A A B A A A A B
 A A A A A

pat

