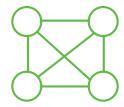
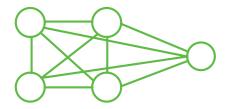


Complete Graph



4 modes 2 6 edges



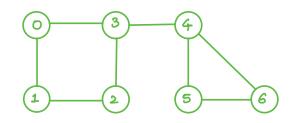
5 modes 2 5xy = 10 10 edges

n nodes/vutices

no of edges:
$$n_{c_2} = n(n-1) = o(n^2)$$

Graph Representation

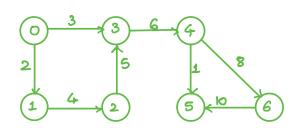
- Adjocency Matrix

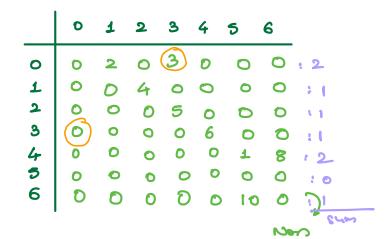


	0	1	2	3	4	5	6
0	Ø	(1)	0	1	D	0	0
1	1	D			0	0	0
2	0	1	0	1	0	0	0
3	1	0	1	0	1	0	0
4	0	0	0	1	8	1	1
5	0	0	0	0	1	Q	1
6	D	0	0	D	1	1	0

0 3	_34	4
2	5	1 8
1 4	_2	5 10 6

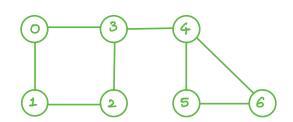
	0	1	2	3	4	5	6	4 95 5-3 145
0	0	2	0	3	D	0	0	:2 :2 :2 :3 :3 :2
1	2	D	4	0	0	0	0	: 2
2	٥	4	0	5	0	0	0	: 2
3	3	0	5	0	6	D	0	: 3
4	0	0	0	6	0	1	8	: 3
5	0	0	0	0	1	0	10	12
6	D	0	0	D	8	10	0	:2

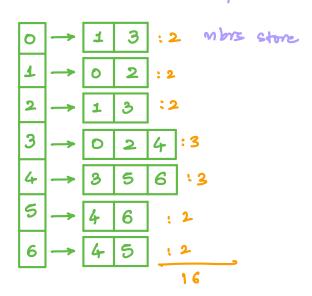


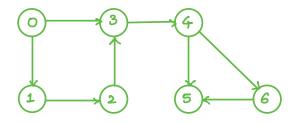


bottus

Symmetric Hatrin graph sparse: liss m. 7 =0 entotes : save space





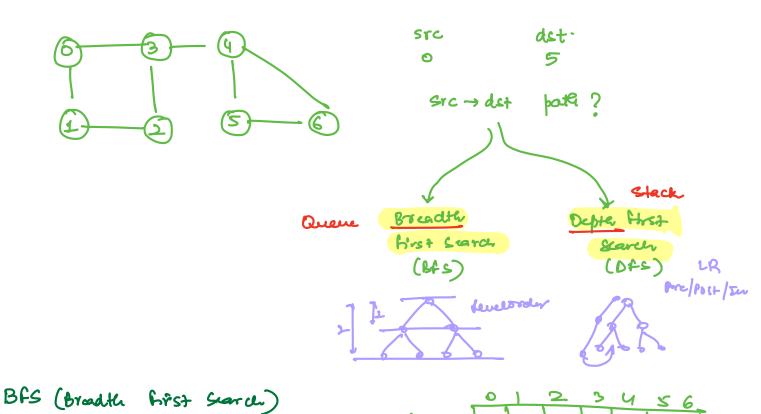


SEARCHING 473 24 0 O 2 6 3 P 0-1,3 Chore adres f ٦ . . 1-192 arroys 2-1,3 370,3,5 6

32

YK

SK

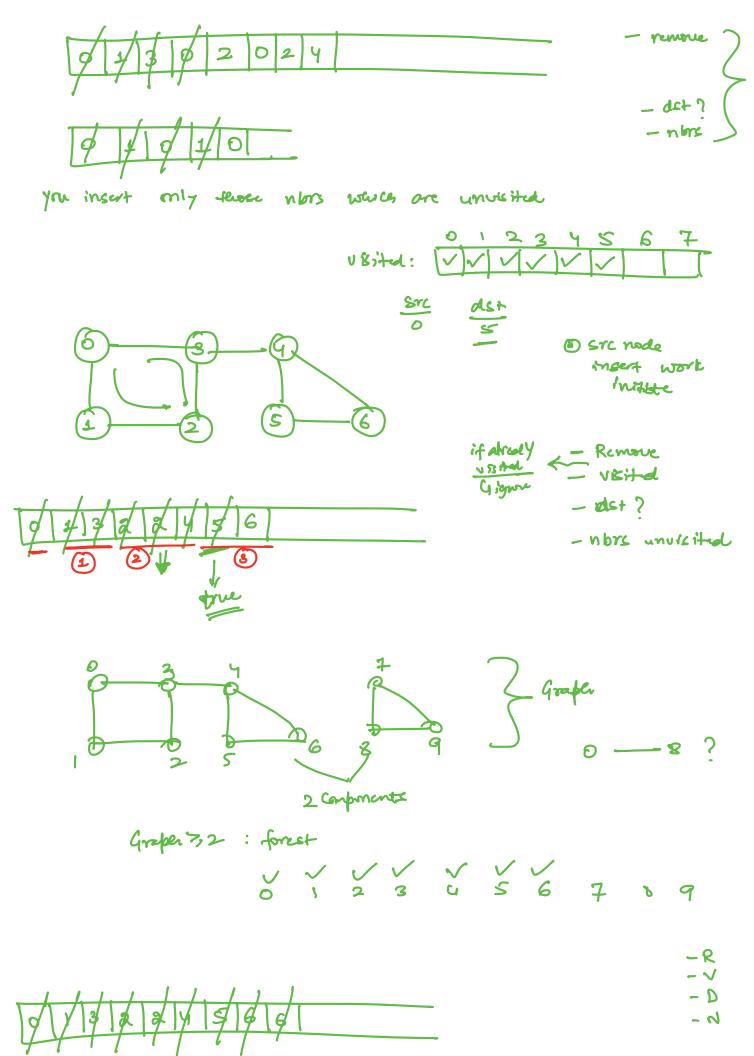


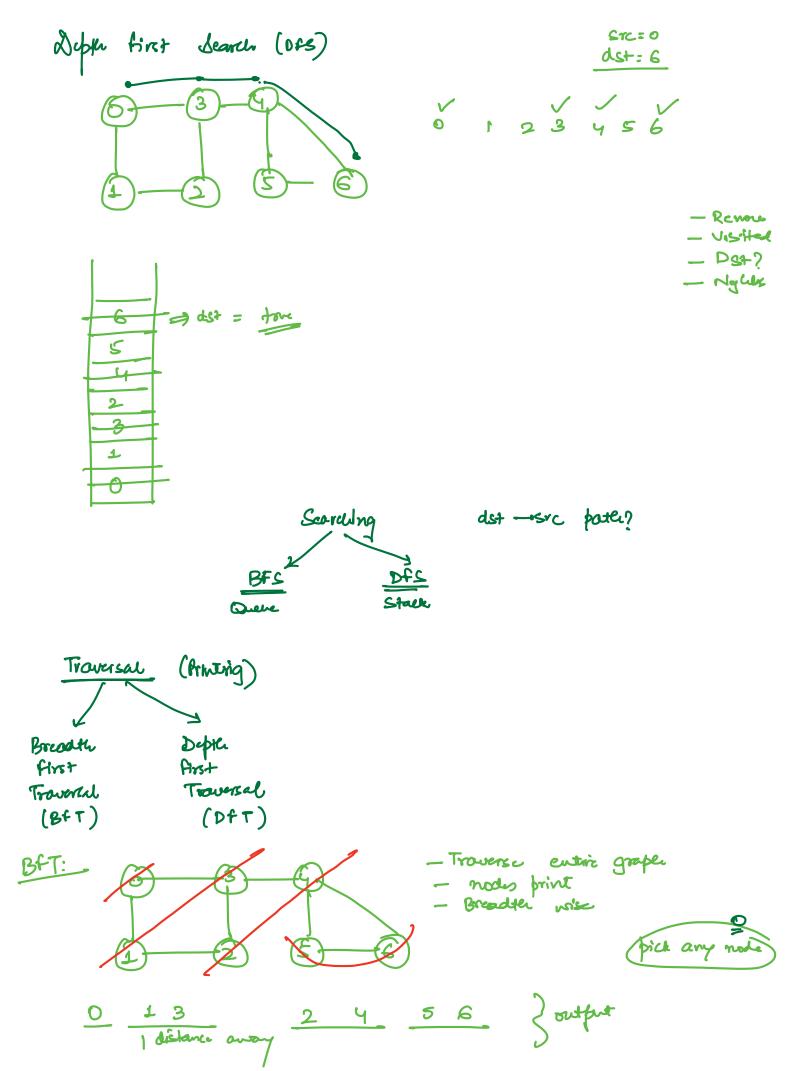
Visited:

6

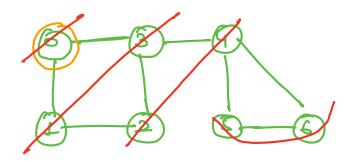
Src

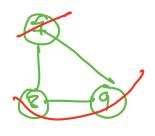
inect impate





0 3 1 $\frac{42}{65}$ 5 5 for $\frac{3}{65}$ 6 output



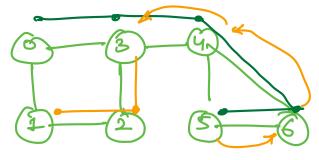


- Rina
- Viestal
- Privet
- Mars

0 1 3 2 4 5 6 7 8 9

OFT:

0 1 2 3 4 5 6 7 8 9

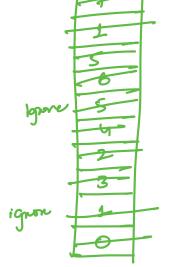




0 1 8 3 4 5 6 7 8 9



- Renove
- Ursited

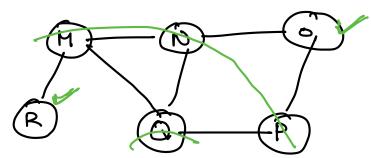


- Print
- n brz
unusited

0 3 4 6 5 2 + 7 9 8

<u>Q:</u>

BFT?



A. HNOPORX

B. Nampor X

C. AMNPRO

D. QMNPORX



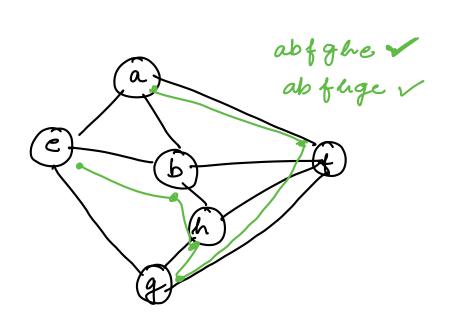
Q: DFT

abegat

×6) abfelg

3 abthqe

i) afghbe



- is Connected : no q components : 1

- isleptic

- is Tree of compronets: 1 & & no cycle

