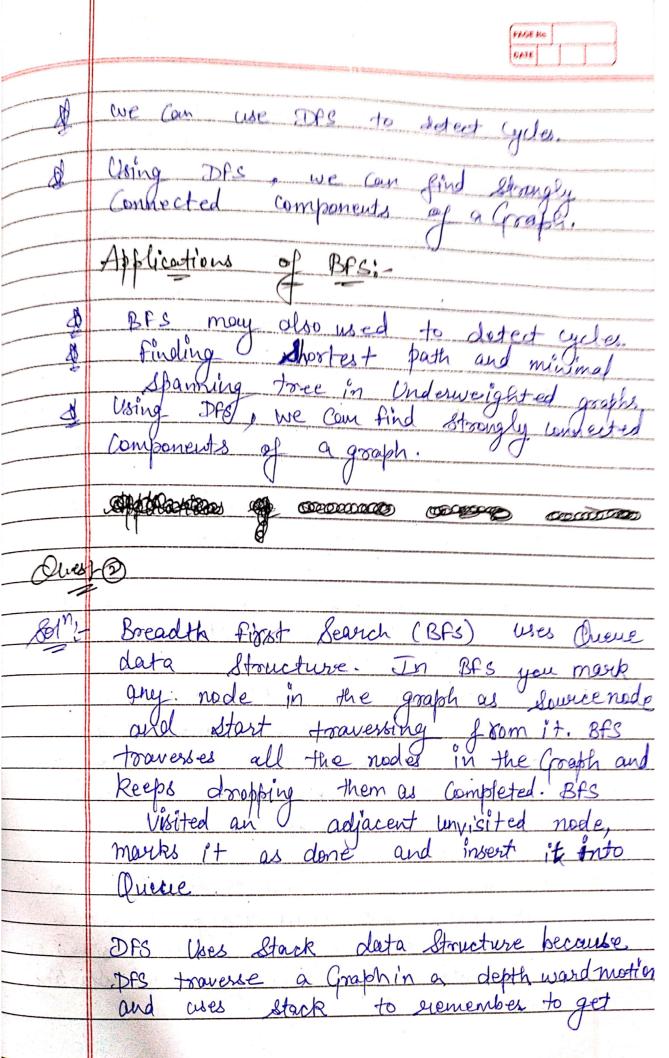
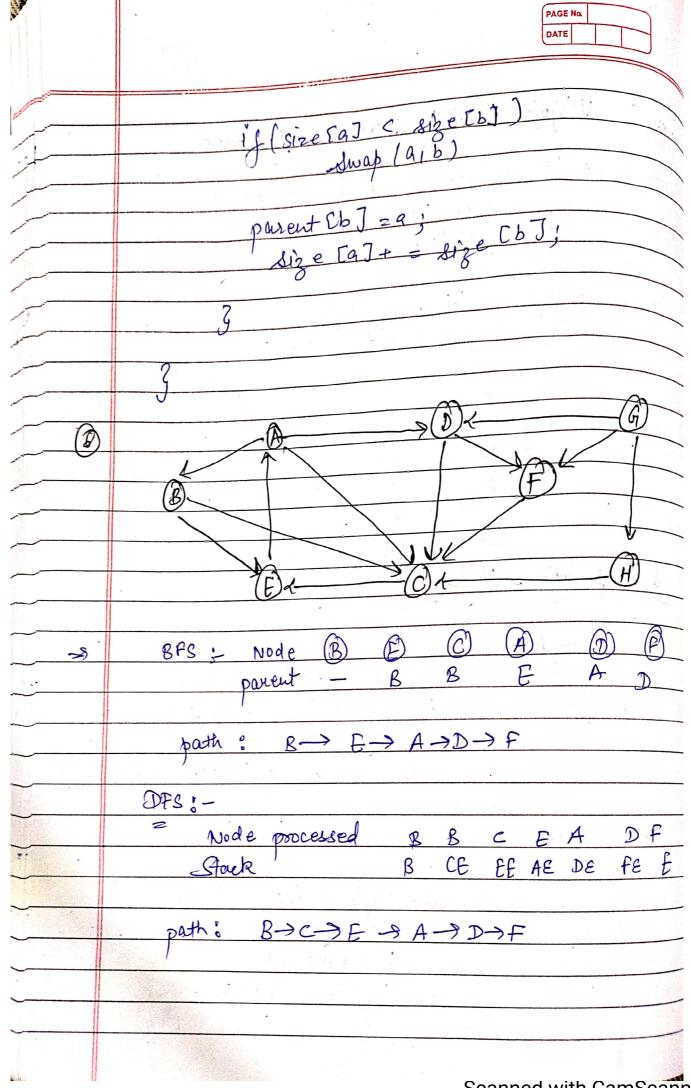
Iller	Salyan Shuurus
	Section E
	37
	(tutorial - 5)
Control of the second second second	DP3
0	8FB
and the same of th	Stands for Daly
And the second s	Stands for Bacadh Search Search
The second secon	First death
And the same of th	And I all the second
The state of the s	The state of the s
-	find the Shortest Find shortest
The second secon	bath
and the second s	THE RESERVE THE PROPERTY OF TH
A	BFS is Guester/better DFS is better who when targest is closer target is far from Howice,
A	BPS is Greater better target is far from When targest 1's closer target is far from
	to source. Source
	to sauce.
7	As SFC consideral DFS is more suited
g	for decision tree
	suitable for Orecus.
	THE USE ON THE ONE
	games. The decision, of
	de la lange de la
	BFS is slower than we search the
	DFS. Conclusion.
	general control (single of the first of the significant of the signifi
Abbli	certions of DFS
	1 Veing DFS we can find path between two
	Neutres.
	De ve Can perform topological Sorting which
	is used to scheduling jobs.
	Supposed John
	Scanned with CamScanne



PAGE No. when Steration. con node,

	PAGE HO. DATE
Que (5)	Disjoint set Data Structure:-
3) Col	two elements are in the
	two elements are in the same set or
	The effective in
	e-91- S1 = 21,2,3,43
	82 = 85,6,7,83
	0
.4	
2	Operations ferformed!
(i)	find 1
	int find (int V)
	& if (V== parent [V])
	return V;
	int find (int V) S if (V== parent [V]) return V; return parent [V] = find (parent[N])
ð	Union
	void Union (int a, intb)
	$e^{\alpha = f'nt(\alpha)}$
	b = f(nd(b)), $i(q ! = b)$
	(A ! = b)



	PAGE No.
And the second second	DATE
transition of the second	Algorithms that uses priority Queuel
Commence of the second	D''KAT vol
STATE OF CHILDREN STATE WHE IS STREET WHEN	Dikstogs Shortest path Algorithm using priority Queue.
And the state of t	J. Grene.
	when Graph is sorted in the form of list or matrix, priority queue can be used to extract minimum efficiency when implementing Dijkstra's Algo.
(2) P. C. Berlin, M. C.	or matrix, priority queue can a list
and the same of the same had to be same and the same of the same o	to extract minimum Efficiency when
and the state of t	Implementing Dijkstog's Algo.
olik di miridali esterio Sistema-Administrativa Andlikolikolikolikolikolikolikolikolikoliko	
galah sepimentah dalah di Selektrian dan di Selektrian dan dan dalah dan dalah dan dalah dan dalah dan dalah d	(ii) prim's Algorithm. It is used to implement prims algorithms to store key of nodes to extract minimum key node at every step
geria della estimateria, de di, rabili estimagniagnia comitati, rapubilitati esti	extract minimum to store key of nodes to
goderne. A Till to water and the second	minum key note of breny steb
,	(in') Data Compression: It is used in Hullman's
	(?ii') Data Compression: — It is used in tuffman's code which is used to
	Compress data.
D. @	
4:10	Min Heap Max Heap
0	In min heap the key In max-head the key
	present at noot node present at not
12.4/2.42	must be less than or nade must be greates
	equal to among the keys or equal to the key
the the	Bresent all all its children present at all its
(3)	Children.
(3)	Uses the ascending priority. Were securing priority. The minimum Keep present The maximum Key
<u>(z)</u>	The minimum Keep present The maximum Key of the root node, present at the root
	at the sect hoset.