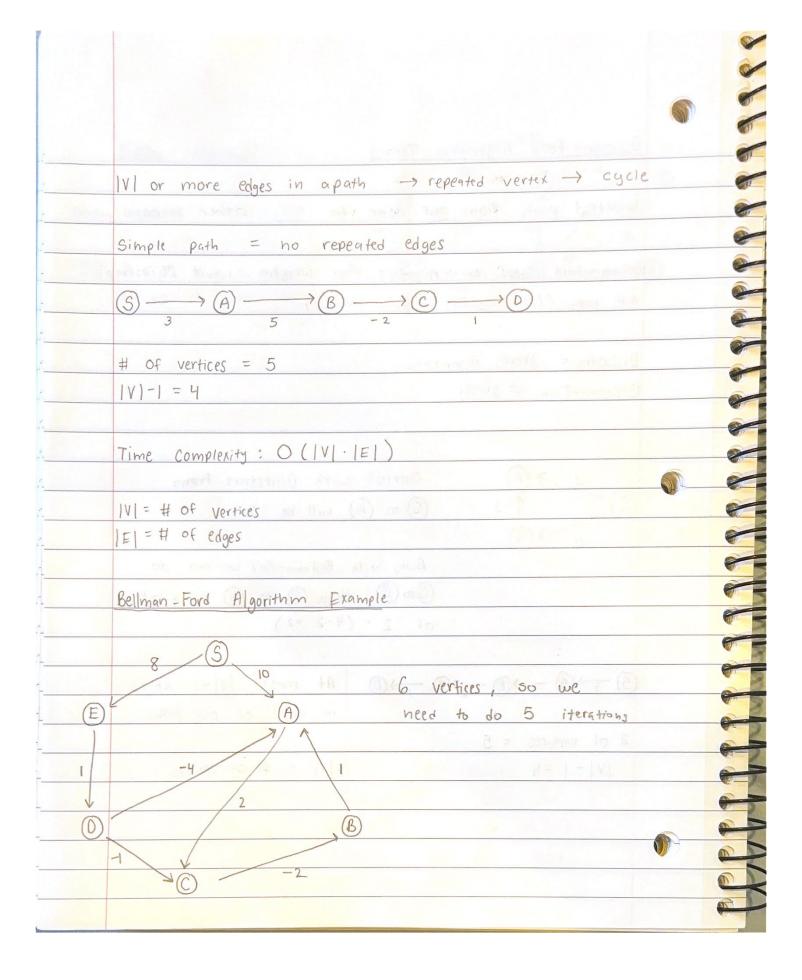
	Bellman-Ford Algorithm Theory		
in the state of	ind + Imp Property 64 de		
	Shortest path from one node +		
	2353 <u>3 February</u>	Control of the control	
	Bellmant Ford Works on negative edg	e weights, while Dijikstras	5
	does not. (No negative cycle the	ough)	
		E CONTRACTOR OF THE CONTRACTOR	
	Dijikstra = greedy Algorithm	# of wayon = 5	
	Bellman-Ford + greedy	P=1-(V)	
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	<u> </u>	ith Oijikstrus from	
		will be 3. well to the let	
		2 20 12 12 12 12 12 12 12 12 12 12 12 12 12	
		Bellman-Ford we can do	
		nen (B) to (A) for a total	
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)	07 2 0		
)	0-10-10-10-10-10-10-10-10-10-10-10-10-10	Al all lul .	
	$\begin{array}{c} (3) \xrightarrow{3} (A) \xrightarrow{5} (B) \xrightarrow{-2} (C) \xrightarrow{1} (D) \end{array}$	At most, V -1 edges	// ·
		in one of our paths.	(1)
	# of vertices = 5	Jul 4 .C.	
		V = # of Vertices	
			1
	5 16 (3)		(ĝ)_
	A & C		The Alexander
9	5 5	0.4	o Portion of Market and



3		
7	1st Iteration:	
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3	S A B C D E	
3 2 1 2		
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9		
3	0 10 10 12 9 8	
	S A B C P F	
	Les to the state of the fact for the property the state of the	
	2nd Theration	
	2nd Iteration	- 1915
Stura:	111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 146
Sturz:	0 10 10 12 9 8	
Start:	O 10 10 12 9 8 S A B C D E	
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Starz:	O 10 10 12 9 8 S A B C D E (8757078) (575707C) O 15 10 8 9 8	
Starz:	O 10 10 12 9 8 S A B C D E (875707A) (575707C) O 15 10 8 9 8	
Start:	O 10 10 12 9 8 S A B C D E (8+5+0+A) (5+5+0+C) O 5 10 8 9 8 5 A B C D E	\$ S
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Stura:	O 10 10 12 9 8 S A B C D E (B>E>0+A) (5>E>0+C) O 5 10 8 9 8 5 A B C D E	\$ S

T MONTH TO FILE	0
We continue you these iterations for #4 & #5	
they don't ressaryly keep having to change. But, since	
these is No change from iteration # 3 to #4, We stop	
after #4 to make the algorithm more efficient.	
The second of th	
Time complexity: O(IVI.IE)	
8 a 21 4 CH CH	
	1