	43159	Page No. 1	N
	ASSIGNMENT-6	Date :	
	TITLE : FORD FULKERIONS ALGORITHM		
	PROBLEM STATEMENT: Write a progra Yord Fulkerson's maximal flow a	un for Igorithm	
100	THEORY:		
	FOLD FULKERSON'S:	h · 1·	-
	Maximum flow problem involves feasible solution flow through a si N/w, i.e., maximum.	funding a	rce
-	Each edge is labelled with capacity.	the me	H.
	stuff it can carry. We have to fig	I lane	M
	Each edge is labelled with capacity, stuff it can carry. We have to figure maximum stuff that can be push vertex & (Sink)	- from	
-			
	This algorithm works by extending greedy algorithm by allowing unds	operation	
	ALGORITHM:		
i.	Start with untial flow = 0	ego bursay 18	
11	While there is an augmenting path	from 8	ource
	while there is an augmenting path to sink, add this path flow to f	low	
iii.	active flow		
-	Time complexity = O(mas flow * E)		
	WORKING:		
i-	Juntial recidual capacity: flow = 0 & graph = actual graph		
	flow = 0 & graph = actual graph		







