	Experiment 6 Shashwat Shas
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	TyBtech Comps &
	Ain: Max you network Fork Jukerson.
	Theory: The ford-fulkerson algorithm is a windery used
	algorithm to solve the moximum flow problem in
0	a flow retwork. The maximum flow problem involves
	determing the maximum amound of 1000 that can be
	sort from a source verter to a sink verter in a
-	directed weighted graph subject to capacity constraint.
	The edge.
	The algorithm works by Herahmy finding an
	the sink in residual graph i.e. the graph
	obtained by Subtracting the current flow from the
	copacity of each edge.
	The algorithm trun increases the your along this
3	pata by maximum possible amount which if the
	minimum copacity of the edges along the patr
	The state of the s
	Algorithm
	1. Stand with initial flow as O
	2. while there exists an augumenting path, from the
	source to sink.
	3. Find an augumenting path using any path
	finding algorithm such as breadth jest search
	4. Deforming the amount of flow that can be cent
	along the angumented porting which is beg minimum
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residual capacity along the edge of the path.	
- Increase the 1000 along the ayumentry poon by the	
maximum 1000.	
Conclusion: We studied and implemented ford-fulkerson	
atsoirten for maximum flow problem.	
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