I.	Given a (directed/undirected) graph, design an algorithm and implement it using a program to
	find if a path exists between two given vertices or not. (Hint: use DFS)
	The it a pair exists between two given vertices of not. (Hint: use DFS)

Input Format:

Input will be the graph in the form of adjacency matrix or adjacency list.

Source vertex number and destination vertex number is also provided as an input.

Output Format:

Output will be 'Yes Path Exists' if path exists, otherwise print 'No Such Path Exists'.

Sample I/O Problem I:

Input:	Output:	
5	Yes Path Exists	
01100	Test dut Exists	
10111		
11010		
01101		
01010		
15		

II.	Given a graph, design an algori bipartite or not. (Hint: use BFS)	hm and implement it using a program to find if a graph i	s		
	Input Format: Input will be the graph in the form of adjacency matrix or adjacency list.				
	Output Format: Output will be ' Yes Bipartite ' if g	aph is bipartite, otherwise print 'Not Bipartite'.			
	Sample I/O Problem II:				
	Input: 5 0 1 1 0 0	Output: Not Bipartite			
	10111				