	introduction to Graph Mining
<u> </u>	A graph, G(V, E) is a set of vertices (notes) and a set
	of edges connecting the nodes
	Example 1:
	A0 _ 0 _ 0 C
	D 0 E
	Example 1 represented using an adjacency matrix:
	PBCDE
	4 0 1 0 1 0
	3 10 101
	C 0 1 0 0 0
	D 10001
	Graphs can be directed:
- '	And weighted
***	Applications: Web (links between pages), Twitter (follower
	relationships), Facebook (friends), Linked In (connections)
<del></del>	movies (two actors are connected if they co-starred in a mire),
	etc
	Connectivity and density
-	A graph is connected if there exists a path between every
	pair of vertices
	- Example 1 is connected
	Example 2 below is not, but consists of 2 connected
	components (Subgraphs)
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