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0	Which data struct are used to implement BFSLDES & why?
	2 why?
>	DFS (Depth First Search) algo reneweses an
r.11.	DFS (Depth First Search) also transcresses and de graph in a depthward motion and uses
	a detack to somewhere to summer
	to get the next vertex to start a search
	when a dead end occurs in any iteration
1	RCC (Recordt First Sonach) also transacco
	BFS (Breadth First Search) algo transmerses graph boreadthwise Henre, uses queue
	data staucture.
	ABy enquening athe neighbour of start not
	we force transveal process to visit all
	Asby enqueuing athe neighbours of start not we force traversal process to visit all neighbours before moving to next level.
03	Spanie and Dense Grabh? Which oup. of
	Sparise and Dense Graph? Which orep. of a graph is better for each.
	Sparse Graph is a graph in which the noo
	of edges is close to minimal nos of edges
	Sparse graph can be a disconnected graph
	where n = noo of vertices.
	b contracts
	Dense Greath is a graph in which the nood
	Dense Graph is a graph in which the noo of cages is close to the maximal noo of
	Cdall.
	No. of edges = O(n2)

Sparse Graph, adjacency lists are preferred they orequire constant space for every Elternatively, in Dense Greaph adjacency materix is preferred as graph is dense to rep. How can you detect a cycle in graph using BFS x Detect yde using BFS: 1: Compute in-degree (no. of incoming edges) for each of the vertex present in graph & initialize the count of visited nodes as 0. Step 2: Pick all vertices with in degree as O & add them into queue Step3: Remove vertex from queue & then. 1. Texcerement count of visited nodes by ecrease in-dogree for all its neighbouring nodes

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