	Data Skuckuras & Algorithms by Aller		
	Data Structures & Algorithms by CodeWithHarry		
	This course will get you prepared for placements and will teach you how to create efficient and fast algorithms.		
	Data structures and algorithms are two different things.		
	Data Structures: Arrangement of data so that they can be used efficiently in memory (data ikms)		
	Algorithms: Sequence of steps on data using efficient data structures to solve a given problem.		
SW X	Other Terminology		
	Database -: Collection of information in permanent Storage for faster retrieval and updation.		
	Data warehousing: Management of huge amount of legacy data for better lanalysis.		
	Big data - Analysis of too large or complex data which cannot be dealt with traditional data processing application.		
	Data Structures and Algorithms are nothing new. If you have done programming in any language like C you must have used Arrays -> A data structure and some Sequence of processing Steps to Solve a problem -> Algorithm @		

	Memory layout of C programs	Data Skucku
no.	When the program starts, its Code is copied to the main memory.	Heap Stack
		Uninitialized Data Static + global
HUM	Stack holds the memory occupied	Initialized Data / Variables
	Stack holds the memory occupied by the functions.	Code Segment
1 (d)	Heap contains the data which is requested by the program as dyna memory.	Memory (RAM)
20121	requested by the program as dyra	mic
heins	memory.	Algorithms: Sea
blem	Intialized and uninitialized date initialized and uninitialized global	ta segments hold variables respectively
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