

Scanned by

Dita épuchie André: 1 Algoritus. PAGE NO.: Dala vencence and pigosifins Dota: Dasa is collection of ranofacts and set of value. Information: > useful use das.

Data after functing. Structure :> How we are going to organized Algoritms: > sequence of statements to perform

a particular tack. Levol logie describe kant hai. Data den chie :> Cogical de melliametical way to originise the data in memory. Openation on Java Suchie

6 megins	5. Souching	2. husseran 3. LOstion	occeptant	Operations on Dove Care	S Chaux	- Mennoly reguld. Date: Handle of Honory Mondy
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Data structure And Augaritm

linear

Data structure And Augaritm

Non linear

Data street in a

Sequential order / continously · Mot in Sequebal order.

	Rules to start white algo.	
		1 110
1.	begin / start	arministra and a second
2-	and/exit	
3.	Variable should be in capital letter	SO Vie
40	use declare to declare a variable	
5.		
See See	repeal 6 = to	1.82.1.4
		W.

19 & DATA STRUCTURE AND ALGORITHM to alive diago and Analysis of Algoersture. Space complanty
space seg, to enembe Time complexity > time sog. to execute an Algo Depends on user. Depends on Circum tance. -> pepeerds on harder are Depends on process Depends on enssoner time to encure an Algo because it depends on so many factor. Time Comp. weest.

Sorting

Simple Sorting to alrange development of the a particular selection order.

Therefield

Mick

Merge

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Merge

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Merge

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Linked List Assay

Adynamic planof static permon allow

No need of shifting swifting in inserting

in much a f deline duline.

difficult to implied

and mainsain due to

pointe.

ONE DIRECTIONAL

more memory will

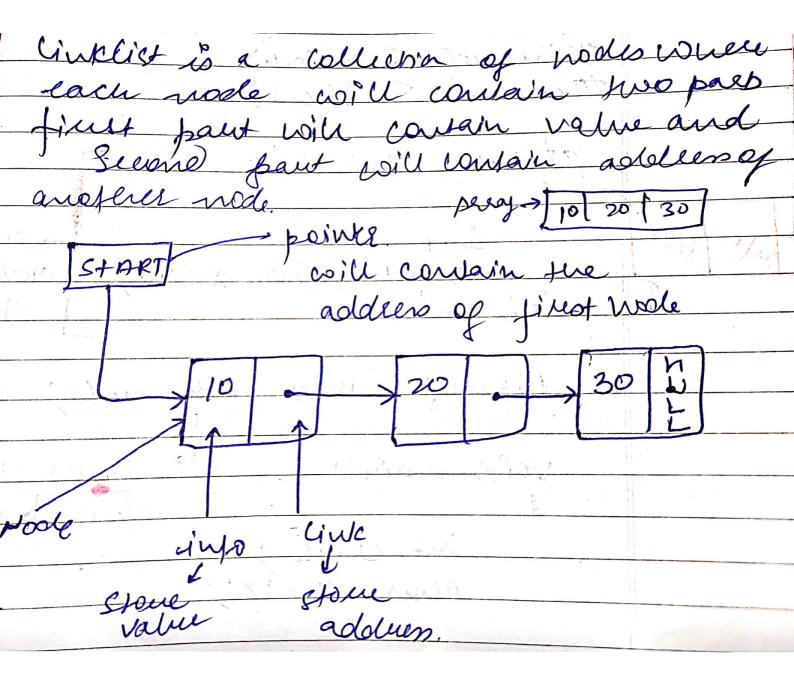
be needed by variable.

because of pointers

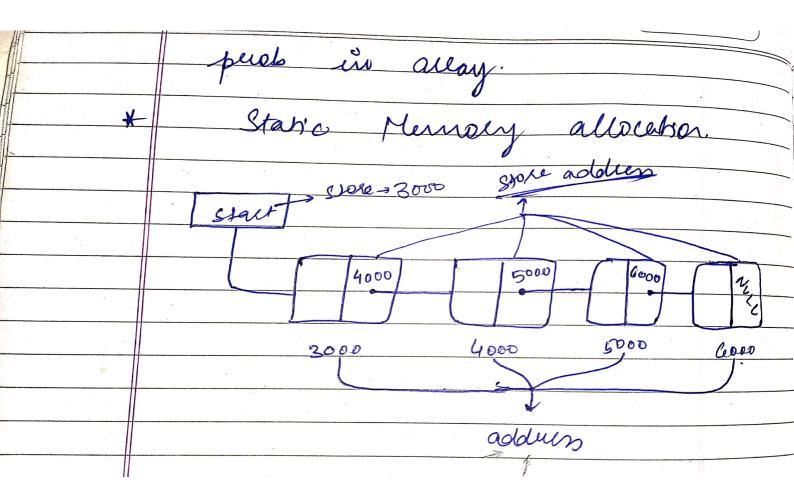
No Parect access

No Parect access

Direct access



Ssabic Complile time news cost	Run Time  Cadal or release  menory)  i. malloc J. provide  Calloc J. menory  Fru C release menor	ine



Infine to fort fine convenien by using STACK left mai lift paentus sight naivigu Scan left to eight Eft peranteris Come Sent Stock Operand > postfin. operator comes check stack if no operator is charles found push stop operator is chock periodity. the compar

elle new will slag into stack.

both will stay.

Add ) to right side Sean postfin explession from left to eight if an opened is incounter then push opened in into stage elements from such and perform
following operates. skult = [TOP] Openlos [TOP] push this sesult into slave

Repeat About two cleps unitil a right

) if a) is encourse fuen pap top Alements pour stack primes a result. QUEUE It is a linear data structure in which multin f dolcha are performed on different Tuere ends are prown as front EREAR of first elevent (oldest elevent) in 195 used to Sole fre pos. of last blement in Queur REPP

