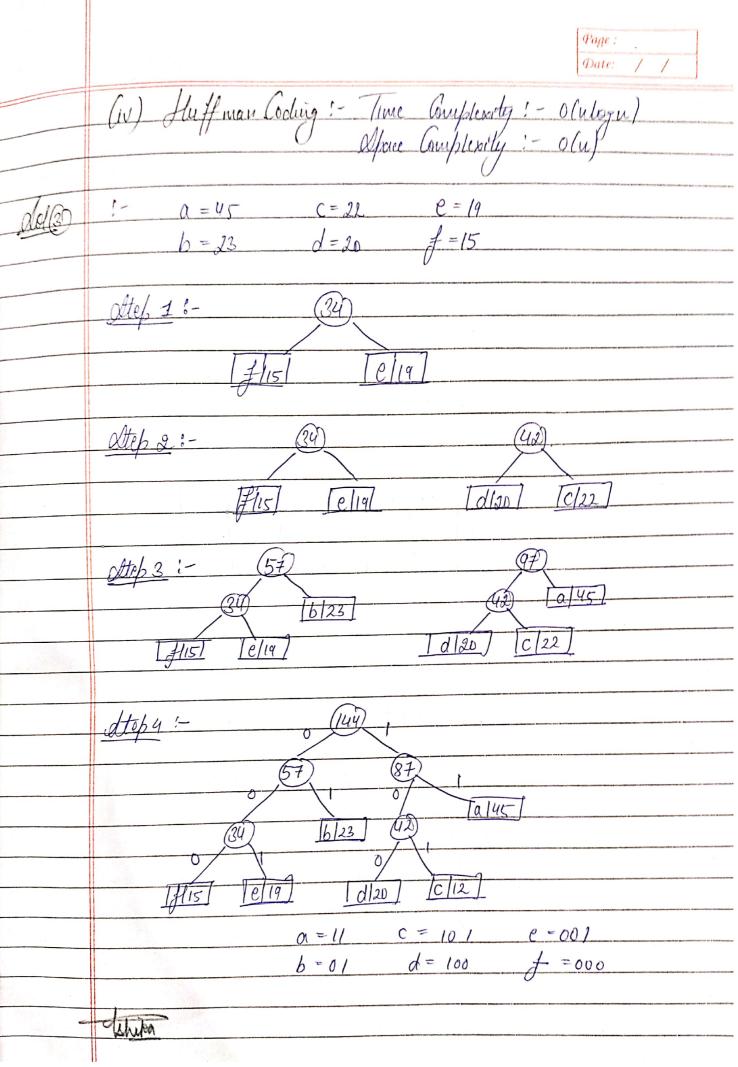
lutorial -7 diste buefits. So the puotleur where che



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	Primate quenc is used for building the Stuffwan the such that modes which the sourcest frequency have the highest forwards the functionality of a primity queue to supplement the functionality of a primity queue. To surplement the functionality of a primity queue. The function of Huffman Evenoling: Huffman Cucoching is midely unsed in Osuprusium formate the 61212, pazzel drugge). In BZIPL Hullimedia Codes like 1980, Pron, and HP2 uses Huffman encoding. Huffman encoding still dominates the comprission. Judustry since outhernatic and name social scheme. are avoided due its Their patent issues.
and (s	3 -> Weight (y) 10 6 15 7 6 18 3 Weight (w) 2 3 5 1 , 4 1 Solvent (w) 5 5/3 8 1 6 4.5 3 Ulsing namelyace stels uit max (uit a, int b)
	Just knopped (wit w, int mit [], wit vod [], wit w) with shw; vector < vector < wit >>> k (url; vector < wit > (url);
	for $(1=0; (2=n'; i+t))$ Let $(1=0; (2=n';$

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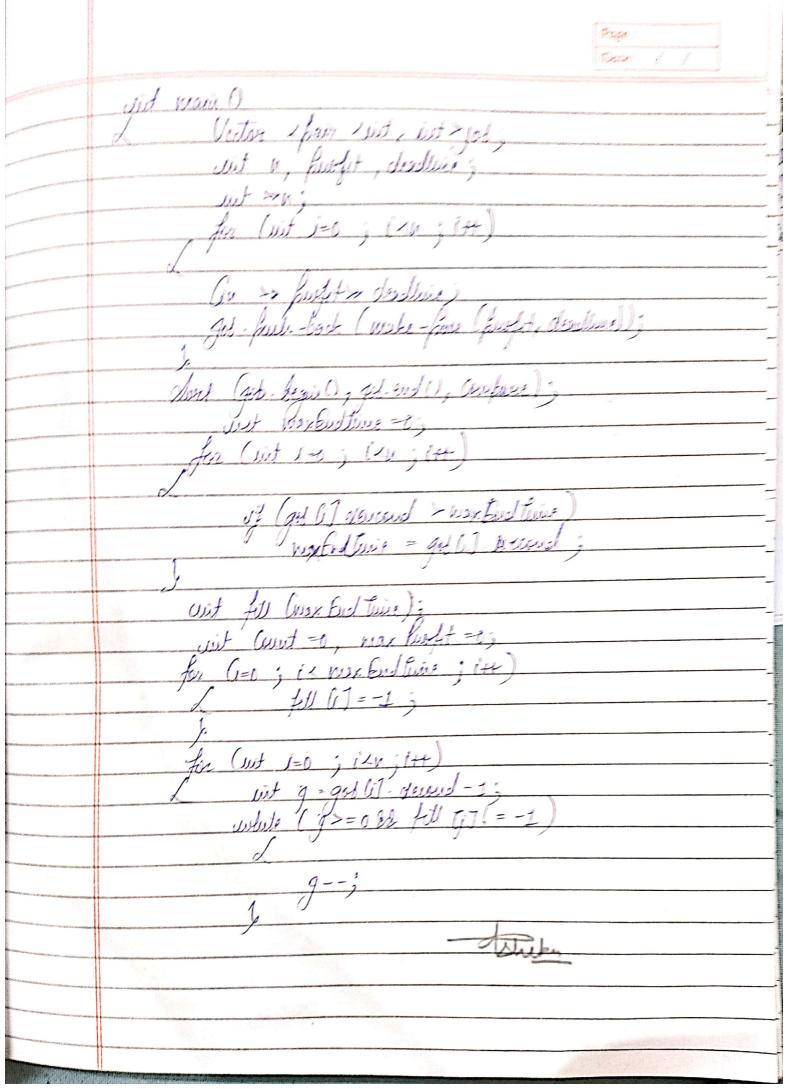
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No. of the Control of	else if (wet (i-i] >j) Klis(w) = max [moi (i-i] + KG-1]
and the state of t	Mas [moi (i-1) + Ka-1)
and the second s	(w-wtli-J], Kli-J]
and the second s	K GJ (WJ = KGY) CWJ;
	1 15/00,1 - KU75 (al.)
	}
	return k (u] (w);
	<u>}</u>
	clut main ()
	$uit vol = \{19, 5, 15, 7, 6, 19, 3\}$ $uit vol = \{2, 2, 5, 7, 14, 1\}$
	uit wt(] = 2, 2, 5, 7, 14, 19
	uit W=15;
	ant $u = \omega_i e$ of (val) / size of (val(6));
	1 return 0;
delGa	Guerdy Chaice Luphenty: - An queedy algorithm, my many noticitively
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	your the supportent vising after the choice is made
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	and to fell the knapsock with the most purtable
	uterus 1 A. A. Ita
	In fractional knapsack: - can take a praction of an Item Let 3 be the Item with maximum Vi/wi then there oxists an obtional polytion in which you take as much of item harvile
	Let 3 be the stem with maximum Vi/wi men smore cousts
	on oftenal solution in which you take as much if illely
	hassible
	- Suppose about athere exists an optional solution in you
	didit take as much of item of as fossible.
	-> Suppose that there exists an optional solution in you didn't take as much of item of as possible. -> If the knoppack is not full, add to more of item 9>
	and you have a tight bout some
	111 11111
	-> There must exist slowe item kt, j with Ywk < Viny that is
Evit	UM The Ruabhack
1-3-	-> we can therefore take a poice of k, with & weight, out if
	-> we can therefore take a poice of k, with E weight, out if the knopsock and but a pièce of with E weight in -> This weight the knopsock Value
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	-> fluffman Codnig Suppose that have a loo,000 claracter data file that which to show the file Contain only o character,
	Suppose that my have a loo,000 character data file that
	with to share the file Contain only o character,
	oppearing with othe following fung.
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	the file cusing a few biter as possible
And the state of t	ette file using a few biter as baseful
C. Marie and American St. St. Company of the Compan	-> les can encode using two scheme
The state of the s	- fixed length code
the state of the s	- variable - lengthe Code
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ColGO	Start the 1/2/0/6/9/10/ No of warry
- <u>kron</u> (*)	End line 3 5 7 8 11 12 activities = 3
	# molerale Kdits (slett. h)
	using hamespace stel;
	struct Activity
	Multi Million 19
	net stout, finish;
	1:
	bool activity Company (Activity S., Activity S2)
	1000 Metaling Congrect (Metality 31) 3 3 4 19
	Metwyn (Dr. Juish & de. Juish
	Void Puit wax Actuary (Devluy Dun (I) wit n)
	John Man Mewrey E. J. Least, J.
	Most Com author actuits Compare).
	Gout « "Following actuity compare). Gout « "Following actuits are Delected ";
	uit 1=0;
	(out << (1) Le own G). Stant << ", 1) Le own G) fuish <1.
	for (iit f=1; j = n; j+t)
	if (awr GJ-start >= avr GJ fraish)
	Cout Cc "("ce ovr [j]. stort cc"," ce evru [j];
	AT DE LANGE OF THE PARTY OF THE
	Tomas de la company de la comp

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wit n = Size of (aun) (slige of (aun (a));

Built mox Activity (aun, u); Metwu 0; Madlerie # milyde Liostron # welvel & Lector> # include / algorithur> May ramesface Atel; Bool Compane (par Lint, uit >a, pair Lint >b return a-frist > 6-first;



of G = ce fu GJ ==-1); mar Rucht + - gob Ci I- first ; Count de Count de 1199 de max Perofit de circles going its the neavest possible city We delect any
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