4	Gaathi
	Date//
0	When a teain is moving at 25 m/s, steam is shut
4.	Il do Blakes are applied. The speed to to
	m/s after t sec is given in the following table.
	I'd the distance mount but the thoir region
	coming to a halt using Simpson's Bule &
_	coming to a hast using rompiers
	teapezosidal rule.
	t 0 10 20 30 40 50 60
_	N 25 19.1 12.3 9.6 4 \$1.6 0
_	
05, 20	Numerical Fire Codes DE:
	appliation of course some six
	ay things
	da
	x-> independent
	y -> dependent
	P
	0
	1000
	y1 = y(x1)
	y2 = y(x2)
	3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
= 5/3	Celler method
	Simpsoned Eller Method
	Runge - Kutta method (4th oeder)
	runge - auxu maner
·- -	Jo solve dy = f(a, y) y(xo) = go munerically, we will
_	be finding the values of y at 21, 22,
	Page No. 136.



	Date / /
	where $y_1 = y(x_1)$, $y_2 = y(x_2)$ where $x_1 = x_0 + h$.
art west Mill	The same with the same above to the same
	luly method: y = y + let (xn, yn) (n=0,1,2,3
	the state of the s
Q.	Bolve: 40.24=0; 40)=5; l=0.2. Do 10 steps
	By Eder Joannela.
	18 = y + lef (21, ym)
	Mese &(x, y) = -0.2y; x0=0 g y0=5 l=0.2.
	$n=0$: $y_1 = y_0 + lif(x_0, y_0) = 5 + 0.2(-1) = 4.8$
646 x	$n=1$; $y_2 = y_1 + lef(x_1, y_1) = 4.8 + 0.2(-0.2 \times 4.8)$
48	$= 4.8[1-0.04] = 4.8 \times 0.96$
3808	= 4.608
3808	n=2: 183 = 182+ lif (22, y2) 2 4.608 + (0-2) (-0.2 x4.608)
	4.42368
J	n=3= ya= y3+ h(-0.2 y3) = y3[1-0.04] = y3x 0.96
P.	= 4.2467328
alessa e	n=4 2 y5= 0,96× y4 = 4,076863488
107	m=5 -> 4c = 3,913788948
	n=6 => yq=3.757237391
	$m=7 \Rightarrow 98 = 3,606947895$
	0=8=) yq = 3.462669979
{	n=9=) y10=3,32416318
	Solve;
mu en Q.	
	A R(X)4) = (x+4)2 = 70=0 4=0.1
3:7	Page No. [37.]

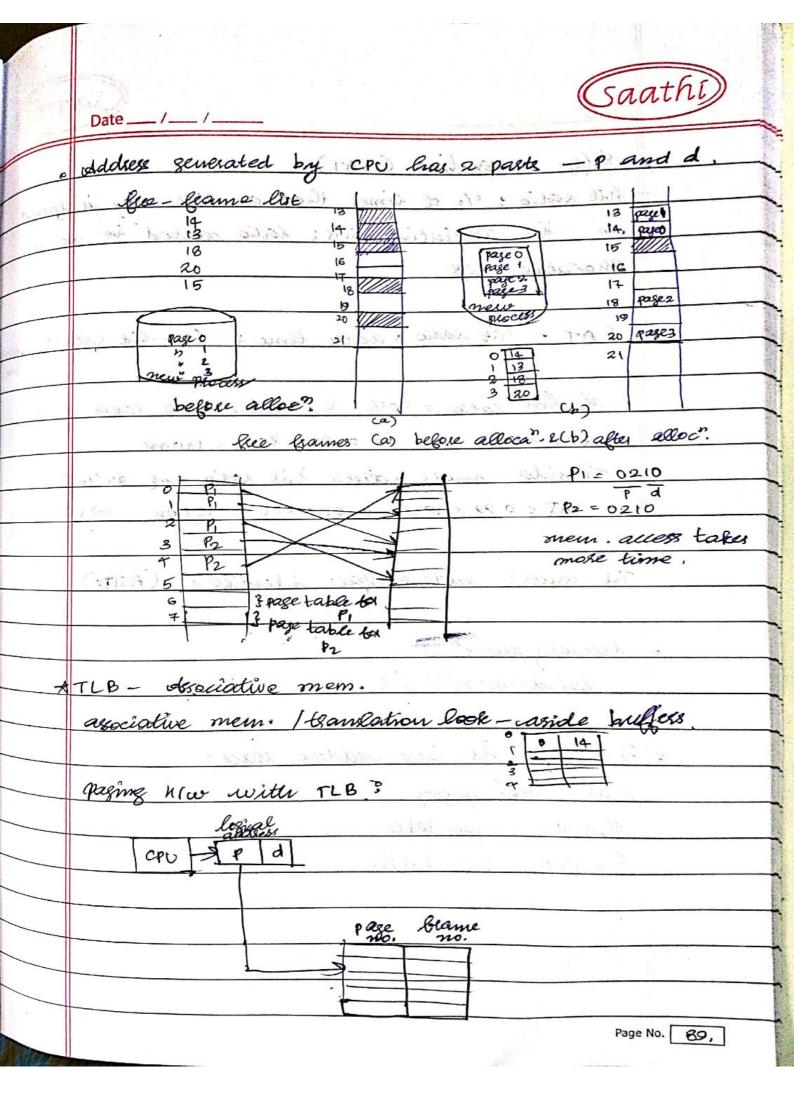
	V- Time			
A LINE	Date / /		And the second s	
/	And the second s	The same of the sa	(Saathi)	
	2- y -fa,	A STATE OF THE PARTY OF THE PAR	Southern	
	U U TAL	(xo, yo) = 0	The second secon	Company tree lastery
	2. y fla	288	J = 0+ 0.1(
	20=0 Yo =0	0	- 4(1/14) + 81 EC 11	
		9 10 11	110	The same of the sa
	X1=0.1 \$1=0 0.			
113	22=0.2 4 = 0.00V	0.00	0.001	
	x3=0.3 4 -1001 4	0.400400	F 21 a = 9	
	13-24-004-001	.40 A FC	The state of the s	_
	0 4 = 0. 04 and	1.20-	56 0· 014345	
	7G = 0.6 45 = 0.07930	97	0.0315132	2
	0.054	64	0.059 764	_
	ZH = 0. 4 87 = 0.012	13 11 . (5)	0.103293	_
,	18 = 0.8 18 - 0.16kg	12.1	1.164821	
	x = 0.9 y = 0.2610	F88 0.3963	94 710-0.296394	
Φ,	given is = x2+ 4	· 4(0)=1 · 1	elesmine the value of y	-4
	When x = 0.1) 4	comme the value of y	
4:01=)/				
mo	Ket 11. 0.05	; x0=0, 60=1	; f(2,y) = x2+ y.	1
2)2.8tep	x y	f(x, y)		-
40.025	0 1			-
14 steps		1	0.05 (1.05)	1000
	0.05 0.05	ф.4525	0.05 7450 (1.102625) 0.05 26 25	
	0.1 2.685 x i	0.06775	6-3125 × 10 115825625	~
	1.10262			4
	=) 44(0.1) = 41E		0.05563125	
	9 y(0.1) = 1.15	825625		The state of the s
		10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
				No.
			1	and with
			1	STONE OF THE STONE
				1
			Page No. 138.	The same

05. 2019	compaction, whiteas segment. does not will solver considerable prob. of fitting mem. churchs of warying siges onto the Saathi Date _/_/		
	How Paging:		
(i)	Bluy address space of a process can be non contiguous.		
(ii)	Oxocess is idivided into fixed-size + blocks, each of		
	which may seside in a diff. past of phy. mem.		
(20)	Divide phy. mem. into fixed- higed blocke called frames.		
	- sige of a frame is 2 where 2 512 bytes < 2 < 16M		
(w)	Divide logical mem. into blocks of same sige as forms		
	called pages.		
(N)	Backing store, whose the som is permanently sesiding		
	is also split me blocks storege units - called blocks.		
	the second second second		
	(Block size) = (Block size) logical mem.		
	Game		
	Page 0.		
	page 1 0 1 page 0		
	page 9. 2 3 3 page 2 3 page 2		
	Page 3 page 5		
	logical meur. table 1 page 3 . gly. meur.		
Li	Paging		
	- avoids external fragmentation. "; page six is same		
	- still have internal " . eg; page size = 50		
	e) 156 bytes process requises 4 pages though last page has first 5 bytes.		
	segment size may differ page has fut 5 bytes.		
1.	keep track of all bee beames.		
	Page No. 87.		



~ (1)	Date / /			- Coloring
~	To sun ca	pgms et s	ize N pages	need to find N &
- Bush Sales	learner la	load pam	. Rom back	ing stale
~ 10 19	Set was	race table t	o translate	logical to phy add
4	Proce table is	kip in a	nemosy:	server against you
Kar Green	· pace-table	e BR C	PTBR) point	to the page table
~ mal 50 > ve	n 20 n	length seg. (PTLR) indi	cates size of the
· Invanish the	page table	. Dale 100	e en sue das-	"(ii) of work has
~	7 0			way willer
~ pullation	No. of entr	ies in logic	al mem. =	n (Aly mem.)
				lle page frame
·~	in the	ply, a mem		
~	eg. 60	20	11	Electe 3 25
	meson besigni	11	13	
~	- 2	15	2	100
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		logical mem	23 29	57
~	pageno page	offser.	Production To	Ply mem.
- stet	Pd m-n n	-	5 <u>100</u>	nain, mem.
Sugar S	1. 200 PM	ر رادر در د	where 2" =	page size:
<u> </u>	Baing How;	9 - 61	have been los	cal address space = 2 ^m
Libery W		logical addre	× ,	The courses spine
Costes of	CPU P	d	phy address	The state of the s
	A. C. Lie	1	£11111	
CPAL)	2 5000		1 13	plny. Page No. 88
Cold San Laboratoria	- Harrist Harrist Barrett	hopbare		mom.

and the state of t





	Date /_ /
, As to	# 1966. access line (EAT):
	Wit eatio: 0/0 of Cines that a page no is found
	on the associative sess; sortio related to no, of
75%	asociative Kegs,
(. 4a/a)	
&	EAT = hit latio * access time + (1 - list ratio) *9 + access time
	time
	if lit eatie = 80°6 2 mem. access takes 100 ne:
"arika	EAT = 0.80 × 100 + 0.20 × 200 = 12000
£	EAT = 0.99 x 100 + 0.01 x 200 = 101 mg = 1500(0)
nost tops	EAT = 0.99 × 100 + 0.01 × 200 = 101 ms =) EAT (according)
	The issues: address-space identifiers (ASIDE)
	a state rainingles (45103)
0	Memory grote? ?
	dalid/invalid bit
683	
*	Page lable for large address space;
1.0	Milesarchical paging
	Gowert as
	Gowested gage lables. It is the same
	Suggestion .
T.99	
To be seen the	

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