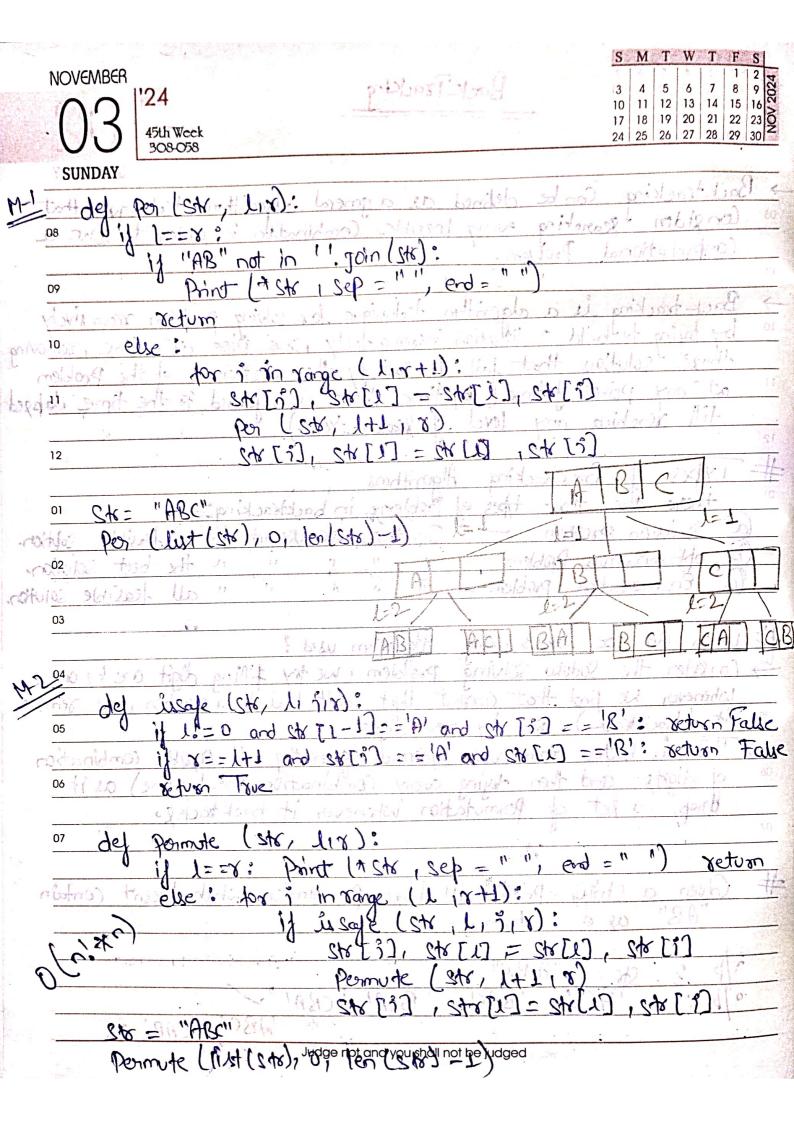
SMTWTFS	NOVEMBER
8 8 9 10 11 12 13 14 Back Track	1 24 00
2 15 16 17 18 19 20 21 22 23 24 25 26 27 28	44th Week 307-059
29   30   31   3   6   8   8	SATURDAY
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 11 2 1 1 2 1 1 2 1 1 1 1 1 1
Backtracking Can be defined as a consider gearding every possible	general augonthing reconsique that
us consider reasoning every possible	- Combination in order to the a
Conputational Problem.	7 67 83 F
. 0 . 1 . 1 . 1 . 1 . 1	1 1 which a like was which
> Back tracking is a algorithm tech	nique for solving problem recording
10 by trying to build a solution increme	entally one piece at a time removin
those solutions that fail to cat	is by the constraints of the problem
11 at any point of time ( by time	is by the constraints of the Problem in here is referred to the time elabore
till reaching any level of xear	ich Nee.)
12 101 M. U. 101 C. 1	1130 1111
# Types of Backtacking Algorithm	ny
There are three these problem	us, we rearch for a desible soltion
a Dealin Problem - in the	us, we search for a double soften
02 (B) optimization Problem - "  (C) Erumeration problem - "	" " THE BEST SOUTHER
(c) Enumeration problem - "	" " au feasible silving
03	. 9
It when can be Backtracking Algor	ithm used:
04) Confider the Soduku Solving Provol	em , we try filling digit one by one.
Whenever he find that current curry	1 (any 1400) to a solver the action
05 it (backtrack) and by neptidi	gits and multiple continued on
- This is better than raive approa	in (generally all popular tempinary)
06 of digits and then trying every	(ombination one by one) as it
	shenever it backtacks.
07	in all the same of
11 6	e Permutation which doesn't contain
	e permutation which doesn't contain
"AB" ag a Substoing-	
1/b: CH = "A BC"	
	CAI, ICBAI
o/ba: 180 'ACB', 'BAC', B	'ABC' STCAR' X
Law is et and of	
(2-18)2	y rist for complication stummist



S M T W T F S NOVEMBER	4
1     2     3     4     5     6     7       8     9     10     11     12     13     14       15     16     17     18     19     20     21	
22 23 24 25 26 27 28 29 30 31 31 30 9-057	
MONDAY	
# Rot in a Moze	
08 (8) print acrond tillari Sb	1.
A Maze is given as NXN binary motifix of blake where source blow	K 20
or is the upper left most i.e. more to los and destination black is the	NOT
rabinant was ne made [N-1][N-1]. It sail story from ovice and	X.
10 has to reach the destination. The rat can make only in two direction	
proceed and down.	7
11 2600, 11,500, 12 states are states as some in Source 1 Xc Xc Xc Xc	0
In the more, o mean the black is a dod end and	0
121 means the black can be used in the both from 0 X	11
Source to destination. Note that this is a 1 Dest	1
Or Simple version of the typical Mase Problem. I Dest	Ne
TO CONTROL PATRICIA CONTROL OF A CALL STATE	
02 in 4 directions and a move complete volution can be with limited moves	12
03 Approach; Form a recursive Function, which will, follow a both	-
check if the path reaches the destination (or) not. If the	و
04 path doesn't reach the destination then backtrack and	
by other paths.	
05	·
Algorithms!	
of Illed with 0/8.	
(2) create a rewrite function, which takes initial mater, at fut materix	a
1 or the to profit and to the transfer of the country of the count	15
(2) If the position is out of the mactor's (or) the position is not ve	ble
then xeplan a	
(4) Mark the postsons output [3] [7] as I and check if the works	
fosition is destination (06) not . If destination is stained the	9
the author matrix and returns	
(2) Revertely coll for posisson 13+1,17) and 1317+1)	
(8) morrow Oslibon ( 7,T) · 2. Control [] [] []	ē ·
Keep your mind pure in the battlefield of life	

NOVEMBER	S M T W T F S	
O F- 1'24	3 4 5 6 7 8 9	
45th Week	10   11   12   13   14   15   16   17   18   19   20   21   22   23   0	
310-056	24   25   26   27   28   29   30	
TUESDAY	Service 14	
n=4	goto a ball the	
08 dej isvalid (nimaze, my, res):	20.	
il m>=0 and y>=0 and on kn and	y Cn and made [m][y]==1	
and res [n] ly] ==0	+ toom find coan solt 2)	
bus once and reduns True & . [ L-H] (1-H) as	and a distribution of	
19075 not recom False and the sall of	tronition with device of the or	
	. much too brown the	
" dej sat Maze (ni maze, move-n, mo	We-y , or, y, res):	
if n==n-1 and y= 2n-1: ()	At moon a same satral	
12 return True and and is	IN and not that of the moon for	
pr 9 in range (4)	MA . Petroteck of small	
n-new = n + move-n[i]	Hyt all la colorou aldralo 3	
y-Hew = y+ move -y [i] and	man Stand 107	
22 Dail while lo maze n-ner	014-1000, 800) 37 6	
Yes In-new] [y-new] = 1		
cesto o carterior life gathaze (in maze, so	move-r, move-y, now, ynas, re	
still road a althousy yet mo True abil	Att Honor	
od res [n-new] ty new] =	Ours 469 e	
- 61	st rolls vot	
05	7 17 2 2 2 2 3 3 787 2 3 40	
Sudoko Problem	the first and the standing	
06 = 010 1.114 +150 (in) × 0	tom millular is some Differ	
Given a Partially tilled 9x9 2d aron	ay the goal is to assign	
or digit (from 1 to 9) to the empty cells	so that every row column and	
	a eractly one instance of the	
digit from 1 to 9.	- consister with	
Transport is send how I south I FT Ballion	They be died (4)	
to For coder ive ChatCPT	Facility 17 - 100/1001	
The second of the second	White Bidby of -	
(4. 1. 6) - los (1. 1+3) + 04000	ed that Halaman (D)	
The state of the s	- 18 - marger author (3)	
Laughter is the shortest distance between two people		

SMTWTFS	NOVEMBER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	'24 45th Week 311-055
29   30   31   45   45   45	WEDNESDAY
11.12 Am 11.11	Boothood poiled bod
Maile Approach!	all hotelike Configuration et Number
of the naive approach is to generate from 1 to 9 to till the empty cell.	Try every configuration one by one
or until the correct configuration is fou	indian constitution of the constitution
in the every in deligned Polition to	ill the position with a rios from I to
10 - Miles - Million all the upollianted 13	of the state of th
not o If the safe privatelle in	reing for other cases.
The shoot shad an oral market of such an	in police out too ab the file
12 Sudoku Can be solved by assigning ,	number one by one to empty cells.
12 Sudoku Can be solved by assigning , Refore assigning a number, check wh	nother it is safe to assign-
01	e in the column
check that the same No is not poes	ent in the conversion of the amber and
02 and convert so's subando their orector	of the safet / cossign
No. 1 d. l. Clark shorten this alle	ample 10 d solo 10 d
03. If the assignment doesn't lead to	il North of the Number (169)
pr the current empty cell: And 1 leads to a Solution, return false	al most No Solution exists.
04 leads to a Southon, resign tauxe	arci pina 10 comment
OE .	
H N Queen Nx Doolson	
Of	
We are given a Nos 'N', We need to consider	don NXM Chess board and we need to
Or -1 De Ver almari	TAME INDIANO MORE STATES
Die is what that a gueen (an much	Horrain ac f an factor
Vertically anywhere, diagonally anyw	shore.
	and the state of t
$\frac{3}{b} = 4 \qquad 0  0$	10 n=5
0/b = ya	00 ofp: 403
- IT / 0 0	0 1
Keep your mouth shut and yo	U
KEED VOULTIOUIT STUTON A	

SMTWT NOVEMBER 13 | 14 | 15 11 | 12 45th Week 20 21 22 18 19 THURSDAY → TCo Back Kacking The ide is to place givens one by one in different columns, & touting the leftmost column. When we place a given in a column, we check for clashes with already flaced givens. In the current column column as Part of Colution. Sucha now due to clashes, then we back track 01 05 06 Keep your mind pure in the battlefield of life