Tutorial - 2

PG-43. Jaynam Modi. G3. Jul 24, 2020

		0 -					
A	B	°C	BNC	C'UB'	(AU(BAC)	(c'uB')ha'	
000	0,9	60000	0	or flatt		1	
0	0	1	0		1	T	
ne O	CANDONO	026	0.	odobidi	most But		
•	0	10	0	impo	0. 4	0	
0				0	0	0	
1	0	1	0	285	130=3	0	
1	ſ	0	0		0	0	
)	11000	Sorts -	di Isso	0	9	0	

2. From home to downtown chicago,

Buses = 3

From downtown chicago to Milwankee;

Buses = 2 Trains = 3 =

Thus, total number of ways = 5C, >5C, = 25

thus there are 25 mays.

	Page No.:							
	Secretary Starses							
0								
3.	- C-V8x03VI							
	6 C 5 C 4 C 3 C 2 C 1 C = 61 = 720							
7, .	°C °							
U.8.N	2) (018) (BA) (BU ) 1 ) (BA) (BA)							
0	hence. Huy can be seated in 720 ways.							
0								
0	This combination regards arrangement hence							
0	This combination regards arrangement hence							
0								
40	5=0{1,2,3}							
0	0 1 0 0 1 1 1							
Ö	three possible permulations are:							
Paris Supplied and Alberta Supplied	£12,33, £3, 2, 13, £3, 1, 23							
5,	number of subsets - 6C3 = 61 = 8 > 5 > 4							
	131.31 10 8 x 8 x 1							
	= 20 mag subsets							
	C = 2 M o T							
	horse, there are 20 such subsets.							
	: entrouted of appropriate house to Hillsoutes;							
	Mon-6 woman-5.							
0								
	total combinations = 6C3 > 5C2							
25	Thus total 12m2 of 6 = ous = 50, x50, =							
	3/23/2/3/							
	such 20 ers early ent							
	= 6×5×4 × 5×2× = 200							
	3-201 801							

P	age No.:		
do s	0		
C <sub>3</sub> .			
اعلا	NY	- (18)	
10/20			
401			
40,63	36,2	20,2	· C.
21			
1 7 6			
23.	= 60	1,001	15
	20		<del>}</del>
	1	٨	

number of mays =  $9C_3.6C_3.3$ ,  $= \frac{3}{4} \times \frac{3}{4} \times$ 

hence, there are 200 ways to

= 1680

hence, there are 1680 ways.

number of permutations = 5 Gx

= 51/21 = 5 > 4

hence, there are 60 ways to permutate
HAPPY".