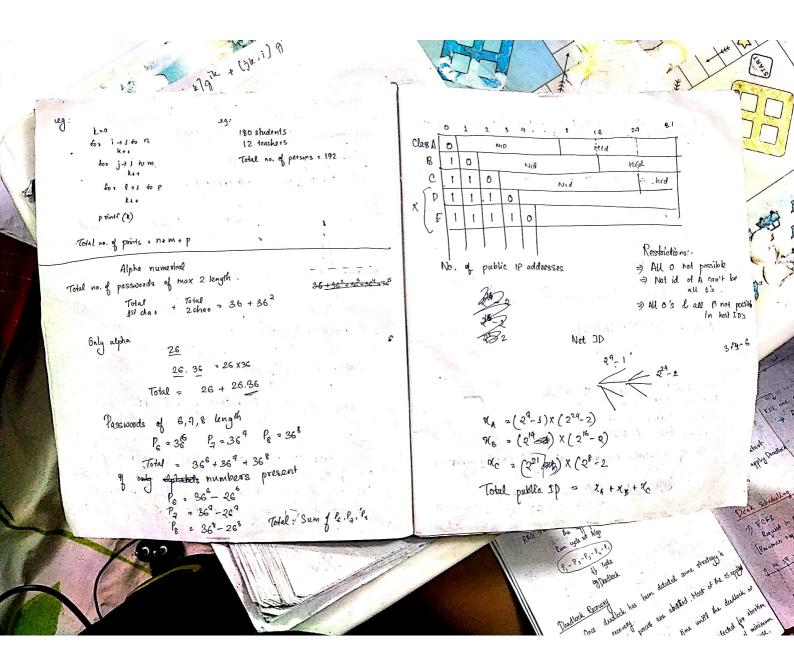


1 29 2 2 2 1 Q. A company has vented an office with 12 nooms and has only two employees (A&B). Now mony different ways to assign different rooms to 2 employees? Total al Por let person = 12 choices Total 2 12×112132 There is an auditorium We have to assign 11/2 B. There is an anound that seat begins with capital lettere'32 the chairs such that seat begins with capital lettere'32 followed by a positive no. (Ito 100). What is the no. of st chairs in the audi? 38 Total sent numbers = 26/100 = 2600 produce un es noch 9 . 1 m 20 fo = 1 → 1 · to 100 for jal to 50 for k+ L to 25 M++ print m 100 × 50 × 25

Password of 6 length, can be letter or digit. Potal alphanuments. 366 If only alphabets than 266 Total no of passwood with askast 1 no. = 366-266 Total no. of funds 2 one to offuncton n (n-1) (n-2) ... (n-M+1) 1 2nd A lask can be done in either one of n, ways & one of no ways where none of the set of n, ways is same as any of the set of n2 ways. Then there are (n,+n2) set of datas ways to do the task. ANB=1 Resource Request Algorism. 6 Regici) = Need (i) ¿ Avail (i)



Q. How many bot dring of length 8 are there that stock with I or sends with & zero. Permutation members of a set into members a signence Act of assanging or order. < Templade 1> n objects, can't repeat No. of r-permetation? tal 2nd 3rd 4th -- 1th n n-1 n-2 ____ n-k+1 [mx(n-1)x(n-2)x...x(n-2+1)]/(n-0)x(n-1-1)x(n-1-2)x...] A08 2 1 _____00 (n-1) x (n-3-1)x (n-2-2)x...x1 [AUB] = [A]+[B]-[ANB] 2 2ª + 26 - 25 n-7 350 - 000 Total no. of applicant 220 - CSE students to be chosen 147 - Maths students 51 - Both col Maths No. of applicants who stace not eligible (neither makes nor 9. 5 letters, lot vowel. 2360 - (220 + 147 - 51) 2360 - (367-51) .360 - 36

