Printing Permutation of 3 numbers ten) = perm-r (a, str, e).  $\alpha = 0, 1, 2.$  6 = 0, e = 2.\_ swop (0,2)  $5\omega^{0}(0,0)$   $5\omega^{0}(0,0)$   $5\omega^{0}(0,1)$   $5\omega^{0}(0,1)$ For each n calls, if length is energy => cn-1) calls For each nxCn-12 calls, if length is cn-1) => cn-2) calls gives FCn) = n\*Cn-1)\*Cn-2)\*--.1 av. n! TCD) = TCD-1)+C For n=3, T(3) = T(2)+C = TCI)+C+C = 2TC1/2) +C+2C ≥ 1+3c ~ 30 TO) NOC 2n.