Bagana W1 a) Kenure cuele répécioleux rept : 52 - 13 Bepositivest la obesi 1 πρεισολμω:  $P_1 = \frac{13}{52}$ = βερωσίπωςτ λαοβεί 2-ω πρεισολμω:  $P_2 = \frac{13}{53}$ = βερωσίπωςτ λαοβεί 3-ω πρεισολμω:  $P_3 = \frac{14}{53}$ 4 Tax gener => Répositeux ognolpremens foiransure Unperothe hopiu: P=P1.P2.P3.P4= 13.12.11.10 ~ 0,003 Tax me 32gary cleonine peccenic, uchenssyes coresamens: P=  $\frac{C_{43}}{C_{52}} - \frac{43+}{43+} \frac{41.48+}{52+} \frac{41.48+}{43.50.51.52}$ w.11.12.13 = 43.50.51.52 ~ 0,003 d) Brew kapî deg Tyza: 52-4=48Bepoarmore luiaceyevre 4 kapî4 dez

Tyza:  $P = \frac{C_{48}}{C_{52}} = \frac{48!}{4! \cdot 4!} = \frac{4! \cdot 48!}{49.50.51.52}$ - 45.40.47.48 ~ 0,72 - 45.50.51.52 => leposimui lujanquil xvis da ogun 793: P=1- 49.50.51.52 ~ 0,28

39992 NZ haussin recon logeceonnex coresannei Khowek is lo Hamasus 3-x 8.5.w  $C_{w}^{3} = \frac{lo!}{3! 2!} = \frac{8.5.10}{1.2.3} = 12.w = 120$ orkput zamen => leposinocit P= 120 c 1-re paga: Jagana W3 Bepoarhouse Toro, 270 pasorenie Roglice T 1 oupamennega Seran: P1=15 - Propyw oupamennym: P2 = 39 - Tperin oupani.: P3 = 73 => P= 4.8.9 ~ 0,18 3agare 14 N=100 - leen Surerol K=2 - normeenle hunghemmes N-K - Surera Sez Prenjames N=2 - regnneme

N=2 - regnneme

Pecuenne: C<sub>100</sub> = 100! = 93.50 - lusper 2 surer

Pecuenne: C<sub>100</sub> = 2!98!

One of the precuences C2 - mere enocodol luspett 2 lucerprecentes EUNETS C2 = 1