P(K+1): 10K+2 +10K+1 =3.m $=10^{11}.10+10^{11}.10+10-9$ $= 10(10^{K+1} + 10^{K} + 1) - 9$ = 10.3k - 9 = 3(10k - 3) = 3.m $N = \{1, 2, 3, \dots \}$ S= {5,7,9,10} Z = Set of all integers $= \left\{ - - \cdot \cdot \cdot \right\} - 3 - 2 - 1 - 0 - 1 - 2 - 3 - \cdot \cdot \right\}$ -> does not exist (not well-ordered set) (1, 2, 3, 4, 5, 6, ---) 5^{1} , $\alpha = (3, 4, 5, 6, ----)$ i=2 $(7, 8, 9, 1, 5) \in \text{civ} 18$ $(1,5,7,8,9)\Rightarrow \alpha = (1,5,7,8,9,0,0,...0,...)$