



L2 Set of all Shrings of lugger 3 Lz = \$ aaa, aab, aba, abb, baa, bab, bba, bbb} language finte infinite Lz Set of all Strings where each String Storts Lz = 2 a, aa, ab, aaa, aka, aaaa, ..... 3 Infruite Congrayo Powers of E 5= 90,67 Z = Set of all Strings over Z of length 1 = 89,63 Z= Set of all strings over Z of length 2 = 2.2 = {9,6} {9,6} = {aa, ab, ba, bb} 三3= Z. Z. Z = {a, b} \$a, b} 1 a, b}  $|\Xi^3|$  = (and nolity of  $\Xi^3$ = {a, b} {a, b} \ a, b} = 8





