d is a RE L(d) is the language expressed by of Example $d = |aa^*|$ $L(d) = |\{aa^n | n>0\}| = |\{aa^n | n>0\}|$ expensing L Note: take into account, the operations with languages. d=ab d*=(ab)* L(d*)= L(ab)*= [L(ab)] = = {ab}* = { λ, ab, abab, ababab...} L(a) = L(a+b+. + =) = [L(a+b+...+2)] = [{a} u{b} u[...u{2}] = [a,b,...2]* = $\{\lambda, a, b, \dots \in \{aa, ab, ac, ad, \dots a \in \}\}$ Ex. d=(0+1) L(a)={ \, 0,1,00,01,10,11,000,...} all binarg numberry L(0*10*) = L(0*)./(1)./(0*)= $\{\lambda, 0, 00, \dots\} \cdot \{1\} \cdot \{\lambda, 0, 00, \dots\} =$ = { 010, 0010, 001, 100, ...} 3 L(01+000) = L(01) U L(000) = {01,000} 1) L(d) = {a, aa, ab, ac, aeb, eac, abc...}

senay one a at the degenning (5) L(d)={e, bc, bba}