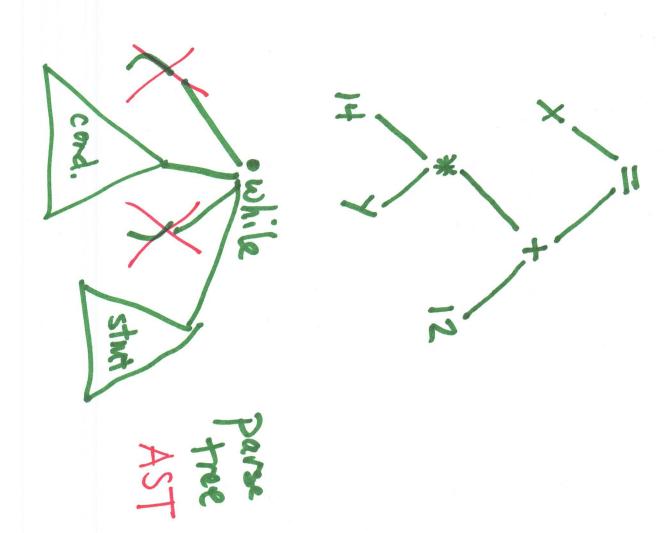
while (cond) start



2 32

x= true + 31.2 y= true y= true y= true

N

case a : >

regular expressions

alphabet 2 = set. elements of an alphabet are characters or symbols or letters

string sequence of symbols (with reports) from an alphabet

0100010 string on \$2= \{0,13} or \$2-\{0,1\}

2x = set of all strings on 2

La = {a} - 2012 = {a,b} = {a3 U {b} £33 = 3-Lalb = {0/3/26/2, belb3 (epsilon) = st is a set of strongs on Zi ) = {a,b ab? = \$01,001,0001,... for any a ES a of O characters on 2= >a, b, c} 10= 807 L1= 813 concatenation

7x = 111...1 \*= Loul, ulzulzu... M={c,cd? LM = {ac, acd, abc, abcd? DZ-LLL \(\S = \xi\_0, 13\)
\(\S = \xi\_0, 13\) といいた

\* = { \( \xi\_{0}, 1 \) \( \otimes\_{0}, 1 \) \( \oti

regular e Etm, tom, toom, tooom = {ab, ac, abd, acd, abdd, ashed,

expressivity list of & is extensions (2)E) asvariable (LIM)\* {e} {m} 3 2 ml, 2, m, ... 5