typedef enum & XL, YM, YW, ZW3 state-t;

int machine () &

State-t st = XL;

while (char c = getc()) &

switch (st) &

(ase XL: switch (c) &

(ase XL: switch (c) &

(ase YM: st = YW; b;

(ase YW: st = YW; b;

(ase YW: st = YW; b;

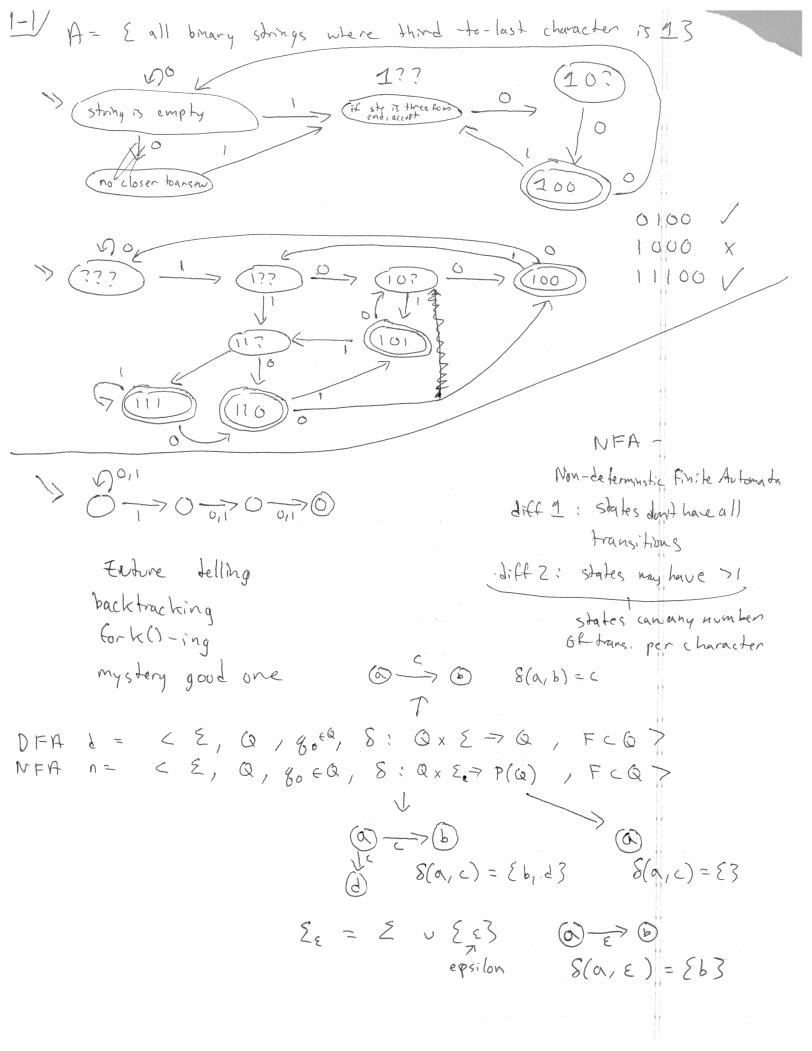
(ase ZW: st = ZW; b; 3)

return st == YW;

Regexp: courses / * / grades / * fail

x appy y appy Z

re = x 0 & 0 y 0 & 0 Z



1-2/	L(NFA n) = { x x is accepted by NFA n }
	Astring x is accepted by NFA n iff
	go = g: s,t, g: eF [exactly the same as DF)
	An NFA n runs from g ; to g ; on x $(g; \stackrel{>}{=})^*g$; g ;
	An NFA n steps from g ; to g ; on \mathscr{R} $(g; \stackrel{\circ}{=} >g;)$ $= \underbrace{\{g : \stackrel{\circ}{=} >g\}}_{\in \mathcal{E}}$
	9; E 8 (8; ,a) = 60 1 FA
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	X => V ? / 11100 E L(n)
	back-tracking = DFS oracle = cheating fork()-ing = BFS

00011 [EX3] 00011 [] 06011 (X)an [4]oon [EX, 43] 0011 [X]OII [Y]OII TRL [Ex, 43] 011 [X] 11 [Y]11 - (LLR [X]1 [Y]1 [Z]1 [X] [Z] [Y] [(x, 43] 11 [[[[5, y, x]] [{x, y, z}] V