CS 631-01 Parsing Binary Two's Comp Laboz due tonight Project 02 out today Laboz Parsing leftlookahead LR * Speed * left recursion GLR **BEP** Left recursion P :: = P \ A' E O T [A' 3 '44' · Y D Y,

$$Parse_{P}()$$

$$Parse_{P}()$$

$$Accept(EOT)$$

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$$X = foo;$$

$$X = foo;$$

$$X = Foo(1)$$

$$TK_{IDENI} TK_{ASSIGN} TK_{IDENI} TK_{LPAREN}$$

$$TK_{IDENI} TK_{RPAREN}$$

$$LL(1) LL(*)$$

$$LL(2) LL(*)$$

LL (K)

CONV. C

vint32-+ binstr. +o-in+ (char *s)

vin132-fint str. to-int (char *s)

uint 32-4 her str. to-int (Charts)

vint32-t str_to_int (char xs, int base)

1 coczssor

(-231) to (231-1)

10-51

Significat 6.4

Missing RAREN

(1+2 FOT,

parse_oper()

parse_expr()

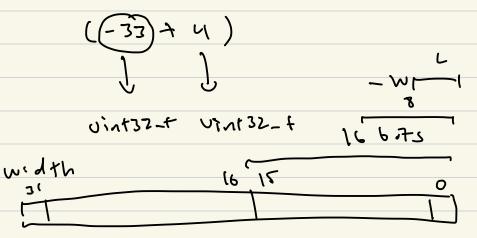
accept('('))

Two's Complement 36 it values justished Signed TW013 6:masnitude COMP 000 อ 1 001 010 3 011 100 101 5 -3 110 -/ -3 111 Problems with signed magnitude 1) Two 200 2) addition 1 1 1161 4101 (000) Kwo' comp invert(x) + 1 010(2) -> \0\ 41

D10 (2)

4-1 4111

-62 060110 -62 060110 -616 0+A3



Ntlany - w 4 - e "Or3F"

- \

Birwise operators

~ not/invert ~061001 = 060110 06 0111 & and 1 00 061100 060110 06 0100 061110

06 0101 06 0011 06 0110

ShiAs

22 left shift マシン にっしょう くく

X << 2 LSL logical shift lof1

with

LSL logical Shift right

ASP Arithmetic Chiff (20)

