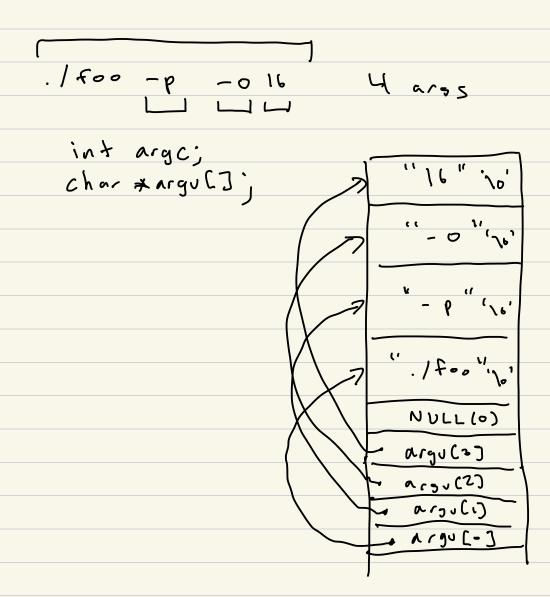
## C5315-01

Args Numbers



echorepeat ~ r (count) echorepeat - r 10 foo echorepeat foo - r 10

foo - 01 - 12 foo - 12 - 01

Numbers

245

Quantity

String machine
int

byte byte

'2'

'1'

binny binny binny

Vecimal (base 10) 245 2x(102) + 4x(10') + 5x(10°) 2x100 + 4x10 + 5x0 200 + 40+ 5 = 245 Binary (base Z)

3210 Dec

061101 -> 13 intx=3 int x = 0611 int K = Ox3 1x23 + 1x22 + 0x21 + 1x2° 8 + 4 + 0 + 1 = 13 0 b 1 1 0 1 nsb T 15 b least significant bit most significant bit 4 bit binam value

2 673 N-bit binary number Dac 2 n possible valve to 2"-1 Hexadecinal (base 16) Decimal (10) Binary (7) Hex (16) 0000 0001 000 0011 0100 0101 0110 0111 100-1001 1010 1011 12 (100 100 1110 15 1111 J OXIAF 1 x 162 + A x 16 + F x 16 256 + 160 + 15x1

= 431

Projectol numstr -> machine -> numstr (base) 1124511

ASCII + Vac S COJ = 'Z' S<17 = '4' 5 (7) = '5' '2' = 50

int x = 5(0). 1= 7 50

X = SCOJ - 48 X = SCOJ-'0'

```
200
   int num;
                                  40
    num = (5007-'0') *100
            + (S(1)-10) × 10
            + ( 5527 - 'o') X \
    NUN = 245
                                     " 2451
int intstr_to_int(char xs)?
     int num = 0 ; int disit;
      しれてここのう
      While (Sci) 1=10) 5
         NUM = NUM X (0)
         disit = 5(1)-'D';
         nun=num + digit;
         it2 1;
                                    . NUNS 7
       1174123"
                                  20+4
       5007
                                  240+5
                                  245
```

int to string

int 
$$x = 245$$

int  $x = 245$ 

int  $x = 245$ 
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$$d = \times \circ (\circ (10) = 2)$$

$$x = \times 1 (10) = 0$$

int x = 245;