C5315-01

Args Numbers

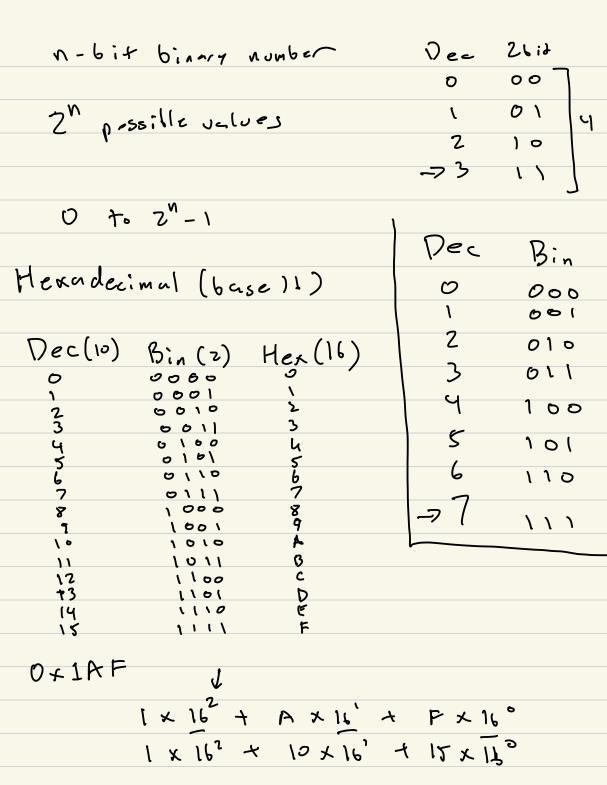
./foo -p -0 16 L args int arg =) char *argueJ l', / Foo " NVLL(0) arguezj arg 1(2) aruv [17 arsv [-]

-r ccounty cstr) echorepeat echorepact -r 10 Foo echorepect Foo - T 5

binary Numbers quantity int Machina byte ascii

binary

Decimal (base 10) $2 \times (10^{2}) + 4 \times (10^{\circ}) + 5 \times (10^{\circ})$ 2x100 + 4x10 + 5 x1 200 + 40 + 5 = 245 Binary (base 2) 061101 -> 13 int x = 3; int x = 0611; 1ntx=0x3) 1 × 2 3 + 1 × 2 2 + 0 × 2 1 + 1×2° 8 + 4 + 0 + 1 = 13 8421 a 4 bit binner value 061101 least most significant significant ~:4 6:4



256 + 160 + 15 = 431 OXIAF 0101 1000 40 [III]Projectol numstr -> int -> nom str (base) 11245" ASCII charks= "245". 101 = 48 11 = 47 S C 0 7 = 2' 12 = 50 5 (1) = '4'

printf("0/001~",x);

47

SC27= '5"

X= 5(0)-48;

X = 2 (0) - , 0).

int x = 5 [0];

```
int num;
 NUM = (SC-2-'0') * 160
        4 (SC1) - '0') * 10
        4 (SC2]-'0') * 1
                              1,54211
 num = 245
int intstr-to-int (char xs) &
    Int NUM = 0;
    int digit
    int i = 0',
    While (sci] = 16) 2
        NUM &= W)
        disit = s (:) - '0'
         num += disit;
         シャラン
   return nun;
```

$$d = 1000 = 4$$
 $x = 1000 = 2$