Educi (Day) Sparks Data Structures Homework for Ch. 1: array A acray B int x=0 . y=0 while loop (XKA and YKB) : \$ A(x) > B(4) Brube force Max = mor n (whichever is Samtler) if BGJ > A[x] cise Print A[x] B[y] X+1 9+1 M=10, n=15 -> m/n= 10/15=9 rem r. 10%15 = 10= q remr=0 The algorithm will swap in and no This can only happen once since m = 15 and n = 10 now, => m > n

5. Binary representation. Algorithm

english

input Decimal X = Decimal make a string to hold binary

Set 1 = 0

loop until x 40 Mod X by 2 Set remainder to left of String let x = Y2

int Decimal int String while (Decimal > 0)

Strang = N%2 Decimal = Decimal/2

print string.

Pseudocode

4.	3. No Solo with o C→ D→	ution, two mode dd degree. B > A #>D Skip A ->C A -> C #>D Skip Can't Have both.
2. List as a	arry = Binney Search Start at middle ignore the others	, move left or right
3, a ->	have to go through the next, it being the Used to an advan a, b -> a -> a, c	a,c,d - a,c
4. entry to Gregol has	graph = 1, Diagonal: aloop if (1,1)=1 column of that no	= O
The gra	gh is complete if for	each mode, list a other modes

XI = Word4 length X2 = Word2 length 11 length of																									
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