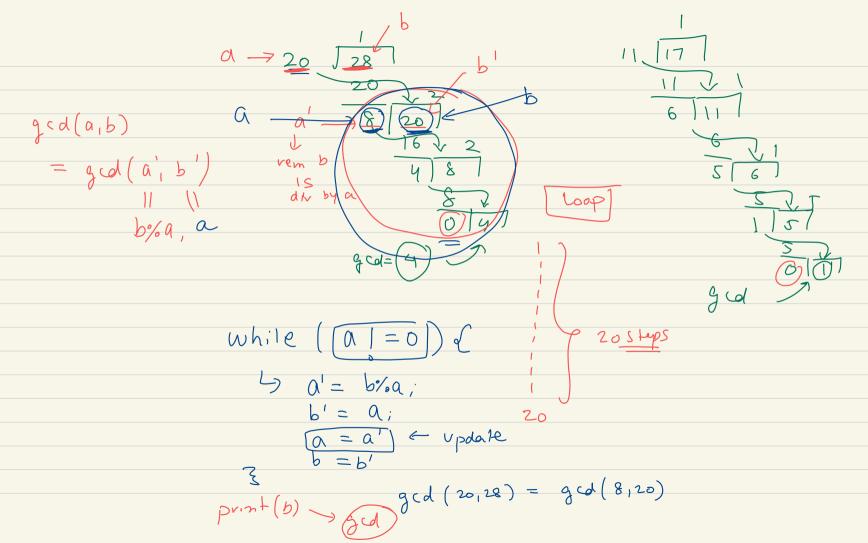
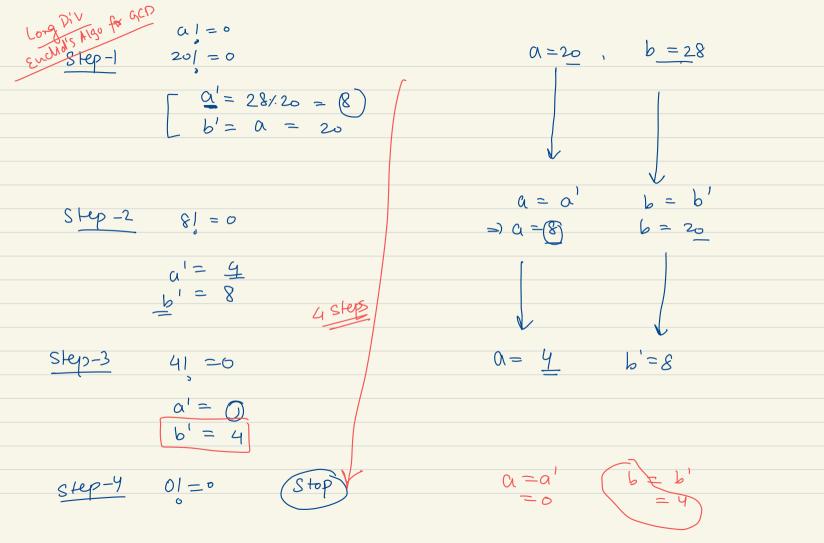
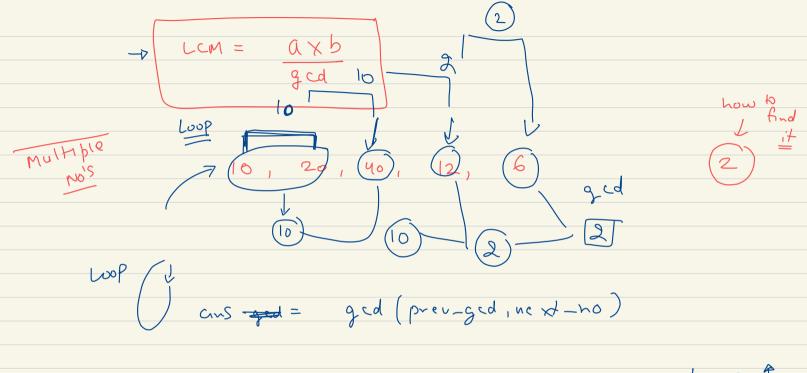
Lecture - 9

-	
Part-1 Functions	Part -IT
GCD > efficient method Multiple Inputs LCM	o Arrays (Data Structure) o Create
Bonus . GCD of N Numbers	o mavers (1)
2 Binary -> Decimal	Language Specific Module
Decimal -> Bin avy	L→ Java (collection
Static - every for till now.	L) C#
(OOPS) -> ??	

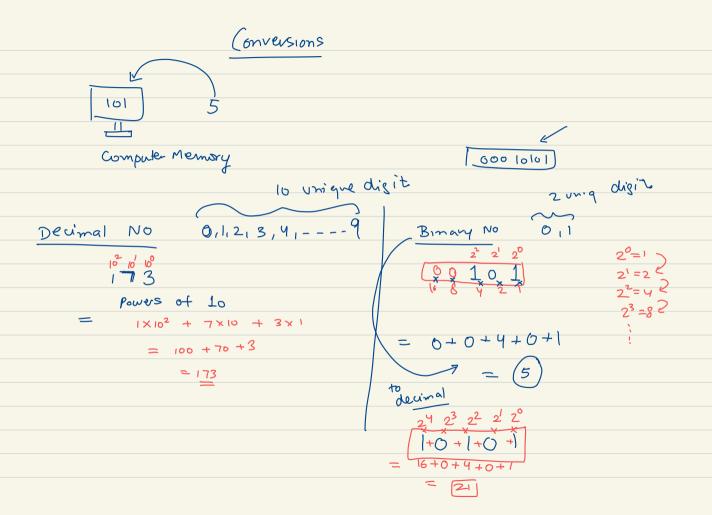
Inefficient Greatest Common Divisor g cd i=1→ School Level Technique (Long 1=1) i=36 mclass 1 = 5 i=cgcd (10,18) = g cd (8,10) equal amt of work. = gcd (0,0) -7 gcd = 0 = gcd (2,8) Stop at first no which divides boly







Time & Instructions & Loop



Rowers of

$$2^{\circ} = 1$$
 $2^{1} = 2$
 $2^{2} = 4$
 $2^{2} = 4$
 $2^{3} = 8$
 $2^{4} = 16^{2}$
 $2^{5} = 32^{2}$
 $2^{6} = 6$

Algoritm:

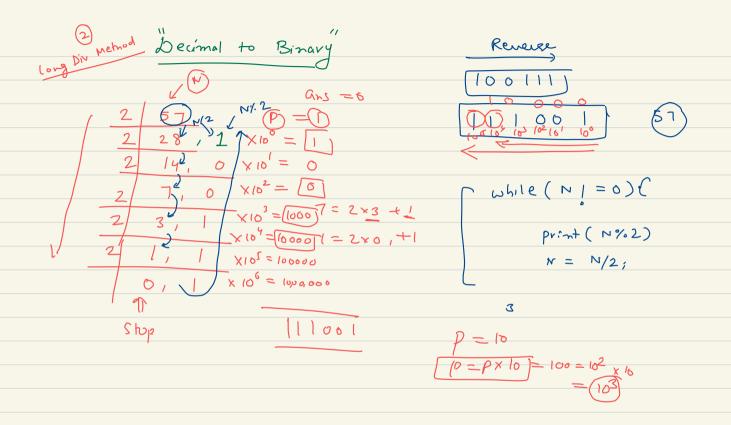
 $1 = 0$

Algoritm:

 $1 = 0$

Algorithm:

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$$T = 5$$

$$A_1B = 28.20$$

Data can

come as input,

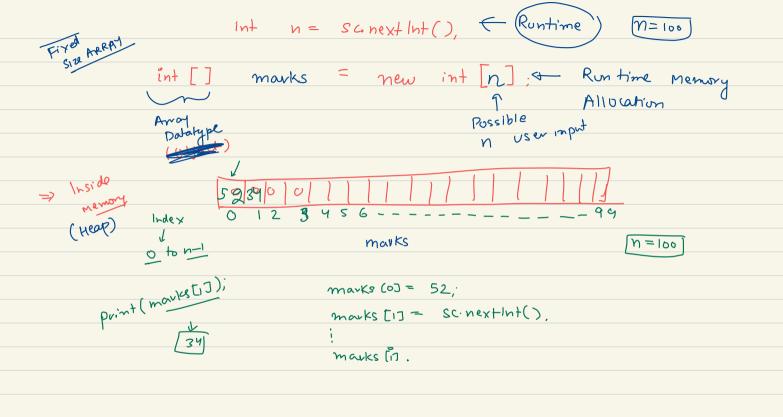
you might need to

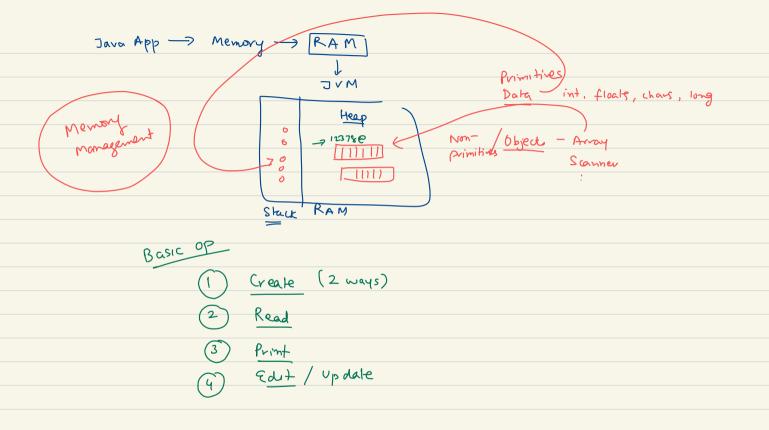
Store it-

TOD LISH

Lot of

· Rank Lists SZ S3 S4 1000 Students COSF ARRAY SU - 32 27-16 17h S1=32 int 52 = 48 ifem 100 = imprachal NA > Container that allows us to store a collection of Hens under a single variable name.





Object



Dog - height - Knows -> color Knows -> weight -> bank() -> run() actions -> eat()

dog . height

Array -) length } knows

marks. length