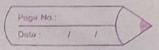
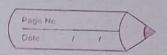
## Introduction to programming 10,000 years ago, Human EAT Human Sleep, Human & being being Repeat -> These people does not know Counting, because at that time couting is not discoverable. A man have 5 goals. On 2000 200 He count the number of goats by picking a stone for one goat -) We he go to field with goats he filled his pocket With Stones for one goat one stone. When he Comes home he throw Stone from pochet we one goat enter one stone throw. At last if \$ 10 not any stone is in packet then all goats are safe. If stone are kept in packet means wild amimal can eat the goat.



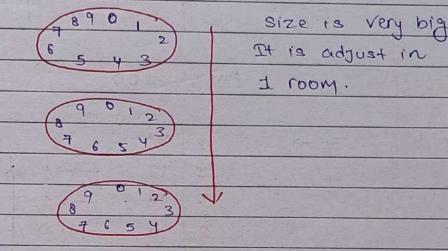
After many years, Counting System Comes. The first Counting system is decimal number-[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] of person have 5000 goals, then he can easily Count the goals and does not need to carry any Stones. O is discovered by Aryabhata. At 1800, Some problem arises.

People Started to doing bussiness and
maintain a log book of sales or import-Export. Cet, A bussinessman maintain 4 logbook of his import - Export details. Now, he want to carculate total profit / 1000. x 4 = 4000 pages 1000 pages Bussiness Now he started calculating, There is a high probability to make mistakes while calculating.



Then,	char	les Babbage	Mayes	a	Com	puter
called	as	Mechanical	Computer		which	-
calculat	e.				to a li	2 1 1 1 1 1

Looks like



- After some year, we found transistor.
- → At present computer can only understand binary language → 0 or 1.

0 -- 00 - - -

1 -> 1

2 -> 10

3/ -> 11/mm) - - more com

4 -> 100

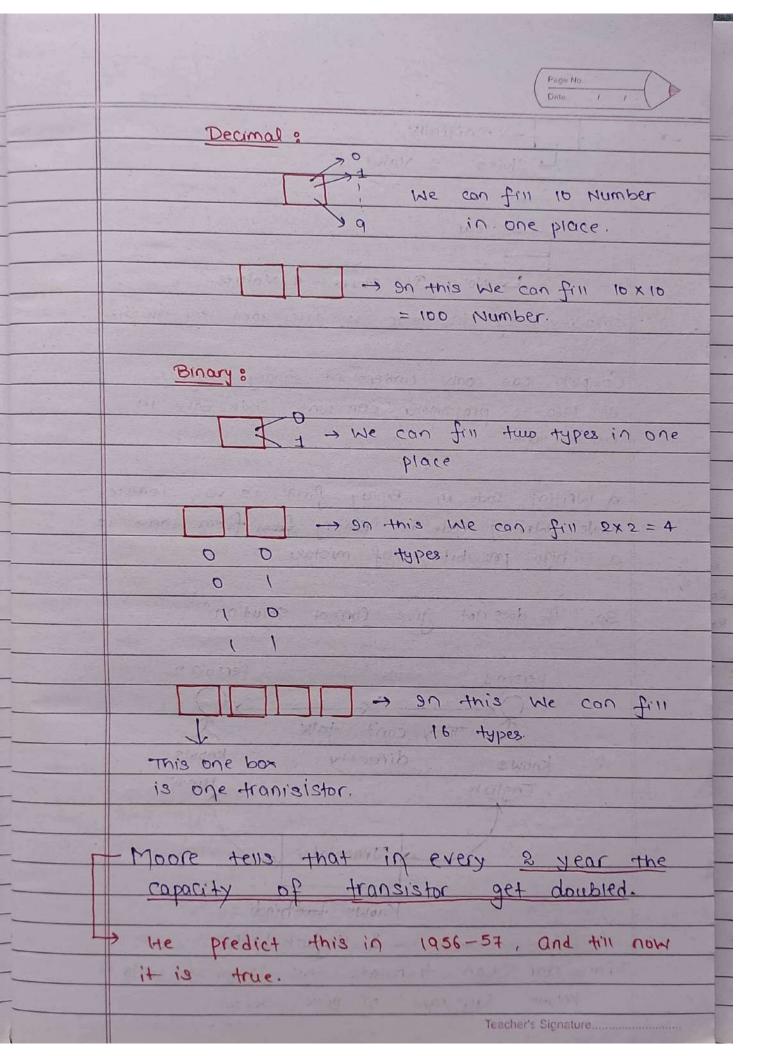
51 - 1010gmal - mission

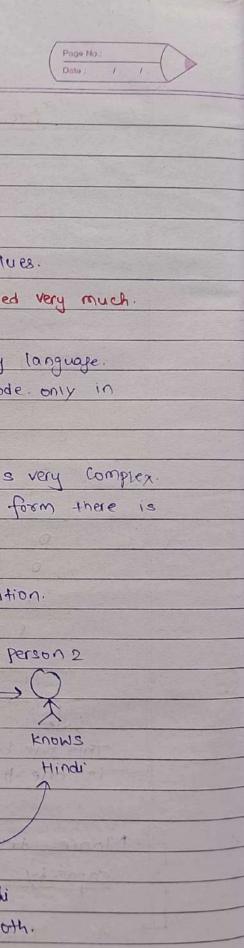
6 -> 110

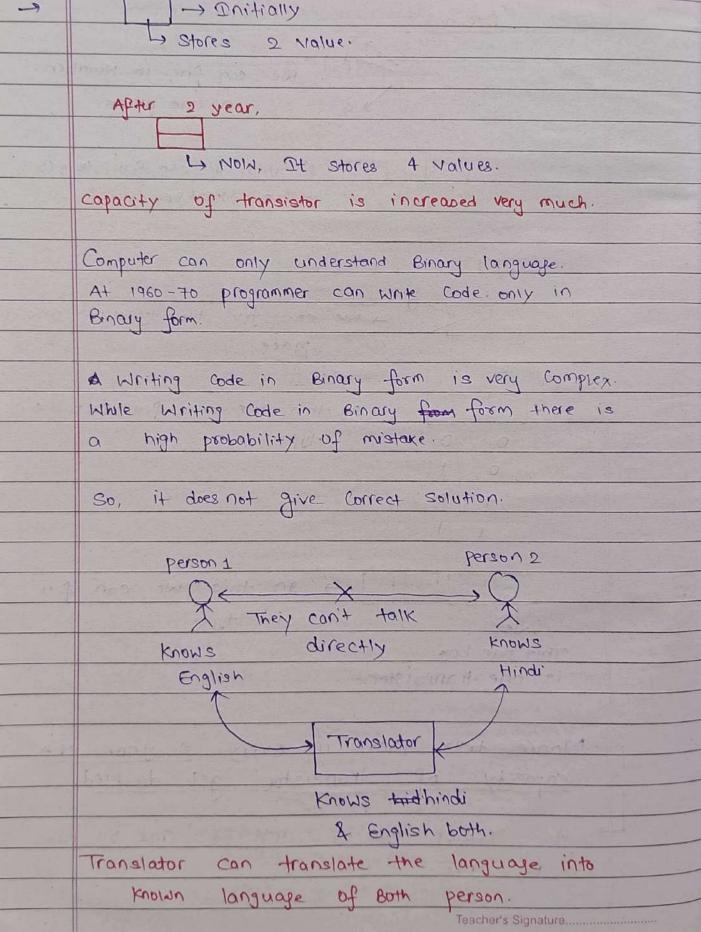
7 -> 111 40 --

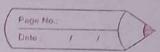
22 (Decimal)

$\rightarrow$	Decimal to binary
	AND A STANDARD CONTRACTOR OF THE SAME OF T
	4 -> 2 4 rem
	2 2 -> 0 1
	2 2 -> 0
	0
	Ans: 100
	35 → 2 35
	2 17 → 1 ↑
	2 8 -> 1
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	2 2 -> 0
	2 10 0000000000000000000000000000000000
	When o comes + 0 -> 1
	We stop.
	Ans : 100011
*	Transistor:
	Before Transistor -> Computer Use decimal
	Number system
13 T. W.	After Transistor -> Computer use binary Number
	System.
	$\rightarrow$ ON $\rightarrow$ 1
	OFF -O
	The same and the s
	Transistor
Ball !	

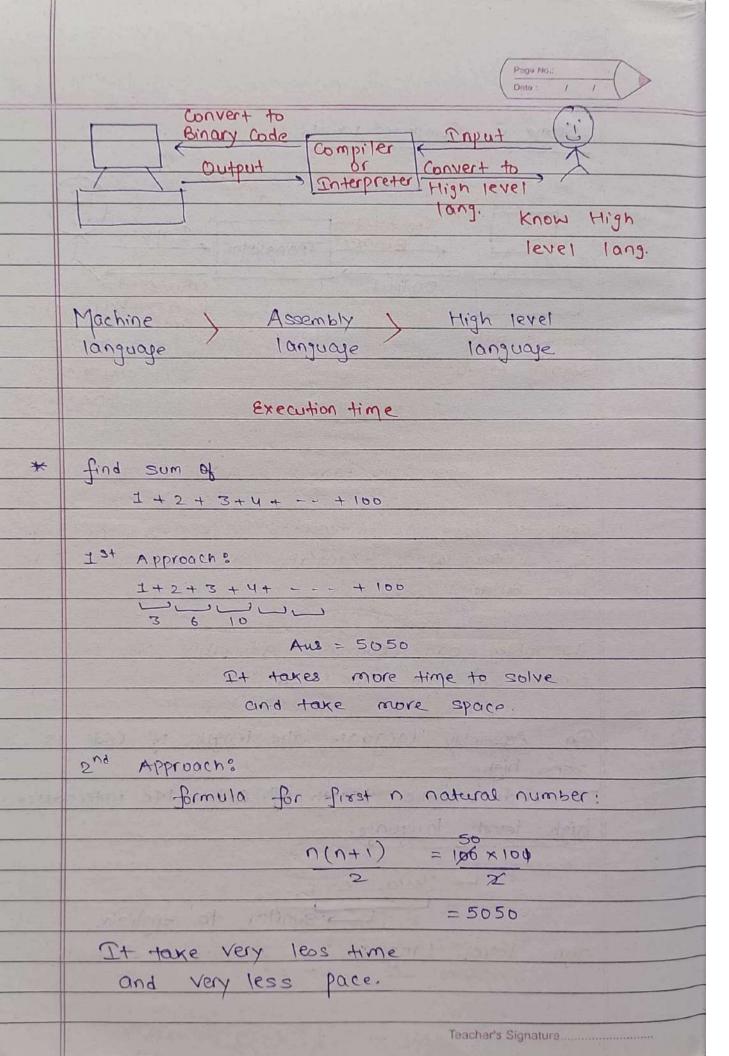


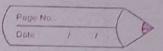






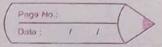
	Linto / /
-	Same in Computer world
	1-100
	Assembler
	Converted to
+ 1	Binary Translator Proput
	Output Converted
	to Assembly He she code.
	knows only knows
	Binary language. Assembly
	language
	Assembly long: ADD 23
	Computer does not understand Assembly language.
	30, a translator translate the Assembly Code
- 8	into Binary Code.
	Assembler can tonvert Assembly code to
	Binary Code and Vice Versa:
	ego is from extent book
	In Assembly language the length of Code is
	Very high.
	To reduce the length of code We interoduce
	high level language.
	1012 00 = 12.00 10 00 00 00 00 00 00 00 00 00 00 00 0
	Java, C++.
	similar to english.
	High level language is programmer friendly.
	The state of the s





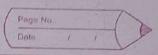
Teacher's Signature

	Date / /
	Time Complexity:
	Total time taken by the algorithm with
4	respect to input size.
100	-moreoze (400-524-4)
*	Flowchart :
	Appell to the contract of the
	A diagram that shows the connection by
	different stage of a process or part of
	System.
	Components of flowchart
	Start / End
	Input /output
	, , , , , , , , , , , , , , , , , , , ,
	process
	A NA
	Descision
	Malcing
	ACCUPATION THE LANGE FERRINGS
	The same of the sa
1,541	flow / Direction
	A New Constitution of the second of the seco
	N'A HONG- TYPE A



	Example - 1
	The Control of the State of the
*	Decide you have to go out or not, if it is a
	Rouny Season.
	-> 9f roining, then stay at home
	-> 9f not raining, then go for walk
	The same of the sa
	Start
	State
	Go for No is yes Stay at home
	Go for No is yes Stay at home home
	End
	Example - 2
	Add 2 number.
	-> Take input of two number
	-> Sum both number
	-> Return / show the result.
	(3+art)
	173 Mary 1 - 6191 Mary 1 - 619
	Read 2, Y
1 200	A = X + Y Prin+ "A"

Teache Signature



Teacher's Signature

