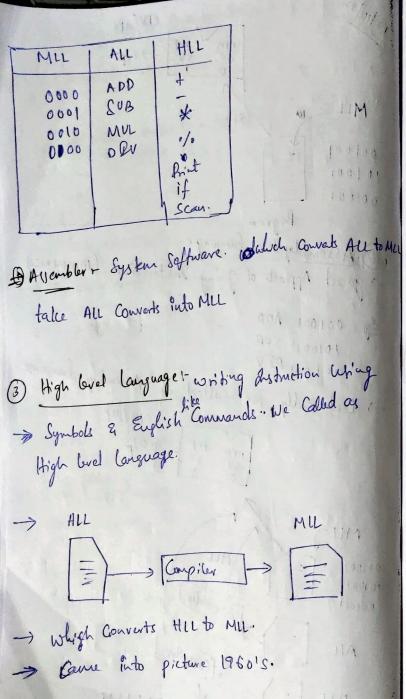
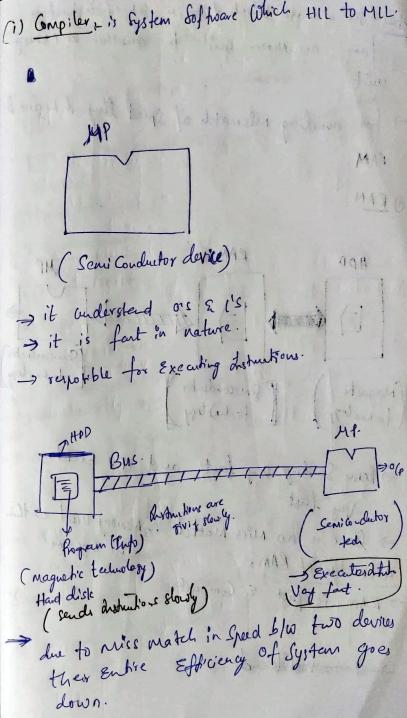
1. Fundamentals of Programming and Computer-15/0/12	17/10/22 CPU/MP
	nen sy -> olp
3-technical discussion de admint of avisa	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
a lar technology)	MLL M SIP
CPV [MP (Seni Conductor technology) device	
	10 (00)
nen bub	00100)
) it understan 2 volts	hogran
-> It understan 2 volts OVESV Transistor understand low Elugh Voltages. 0 & 13	(a) Assembly level language: (mnemonics)
Transiety (40 th a whole graph long (10) and for	OD Assembly level language: good Approach of giving Instruction. (mnemonics)
ov -> 10	& 001001 ADD
SV -> 1	10(00) SUB
-) Processor to Perform Addition . Subjetul	-) technically, we called as Accembly larguage
-) molesson 7 A. I. line to perform operation.	-> Lecum Cary 1. CPV/AP
Octool Jastruction to perform operation.	npn pnp olp
Machine level larguage: Writing Instructing In a form Machine understands	MLL /
(0's and is) → Machine level language.	MII
	00 1001
-> Program :- So Many Instruction is Called as	00 (00) Assembler
Bogram.	
-> Roce wor understand 0'8 & 1's.	ALL E Compiler
	HILL E CONNECTS HILLTOMIC

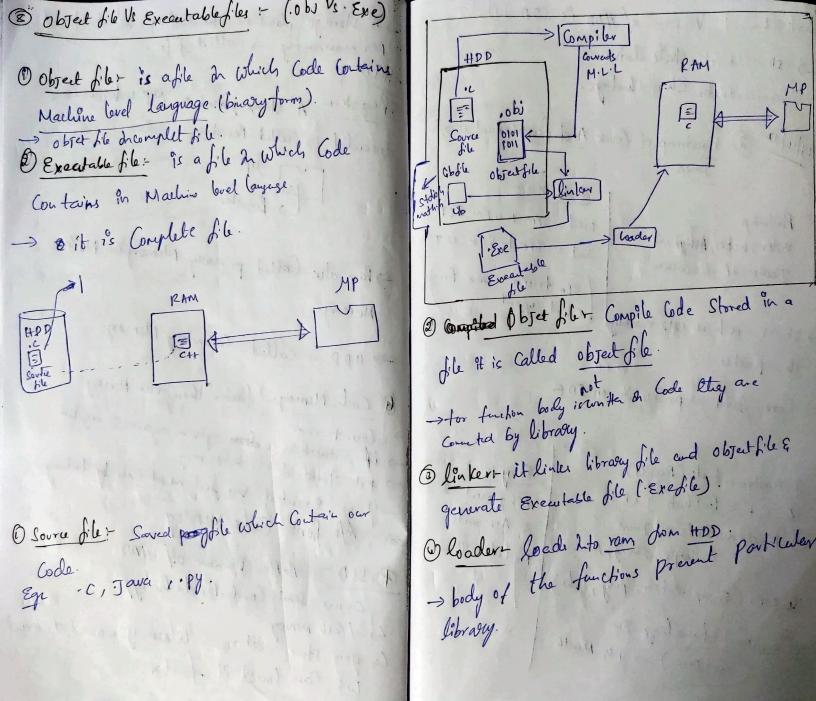




Dons: Set of wires Which & Carrier Set of another to Mening dis advantage:-O it 9s a Volatile device -> Continous power supply stand hasto be -> for avoiding russmatch of speed they a modual -> for fraction (ms power gove whole get Eraped. PAM Erared. 3 Hard disk (HOD) @ RAM HDD disadvantge crit is bulky. E Amm 4 slow. HDD-advantere [Seni (owle ctor) technology) -> it is non volatile?
-> permanant storage. (Magnetic technology) [Servicondulor] -> again HDD Connected -) Reun Sending very fact and CPV Exelling -> frocenor is reposible for Executing information.

-> writing program on ram. Vey fast: Advantge of RAM: Advantge of RAM. Savings getting Copy from RAM to HDD & > RAM is fact & Compact Oto Save it permanantly is called - History Saving.

@ loading = pot The process of gelting program (on	per maneutly is called file. 18/10/20 MP which is
be less Care of further	per manantly is called file.
File on to ram to take Core of further	Alan W
Execution we called it as loading.	1810 1 Lid my MP which is
	Bregisters A stonge placed on Mp which is
HOD Saving Fram	Executed is called Register
HOD Saving PAM CPV Gading	TV MP
Coop Make	Ly Register.
landing.	Lo kegister
	Alanny Con Main
Byte > the place where program stored on ram	- Ram also Called princery Memory on Main
Byte - the place where proportion	- James and a series and a seri
is called Byte. RAM ate	Memory. ADD is called Secondary Memory. On a d. Memory: Laster than ram Memory.
RAM	Colled Gooday Memory.
E Byte	ADD is Carre
E Careta thousand	Cache Memory: faster than ram Memory.
The second secon	Cache Memory: factor than Clover to raro Clover to raro if Instruction is a given again & again if Instruction is de given again & again pil- stored at cache Memory. pril- stored at cache Memory. Pril- stored at cache Memory.
1 21 2 21/26/100	-) clover to rans a given again a
File - a The place where defor (an) program	if onstruction is a wemony. > pil- stored at cashe Memony. >it is executed Very fact next time by taking who from Cashe Memory.
disk is called file.	-> fill stores
(fored on Home	- 1 + is Exemple Nemony.
HOD tole.	Afo from Cache Memory.
	BSID > Better Version of ADD Conductor technology!
E Primary	SID - Better Varion . Fichnology! Come Sens-Conductor . Fichnology!
	Swe serve and
	1 ta G. When you wan so
	Gyon store dat de farter.
	We can well it of



-> 18 hanced Vertion of HDD i's SDD. -> SSD-) Solid-State drive.

-> Semi Conductor Chip Shortage.