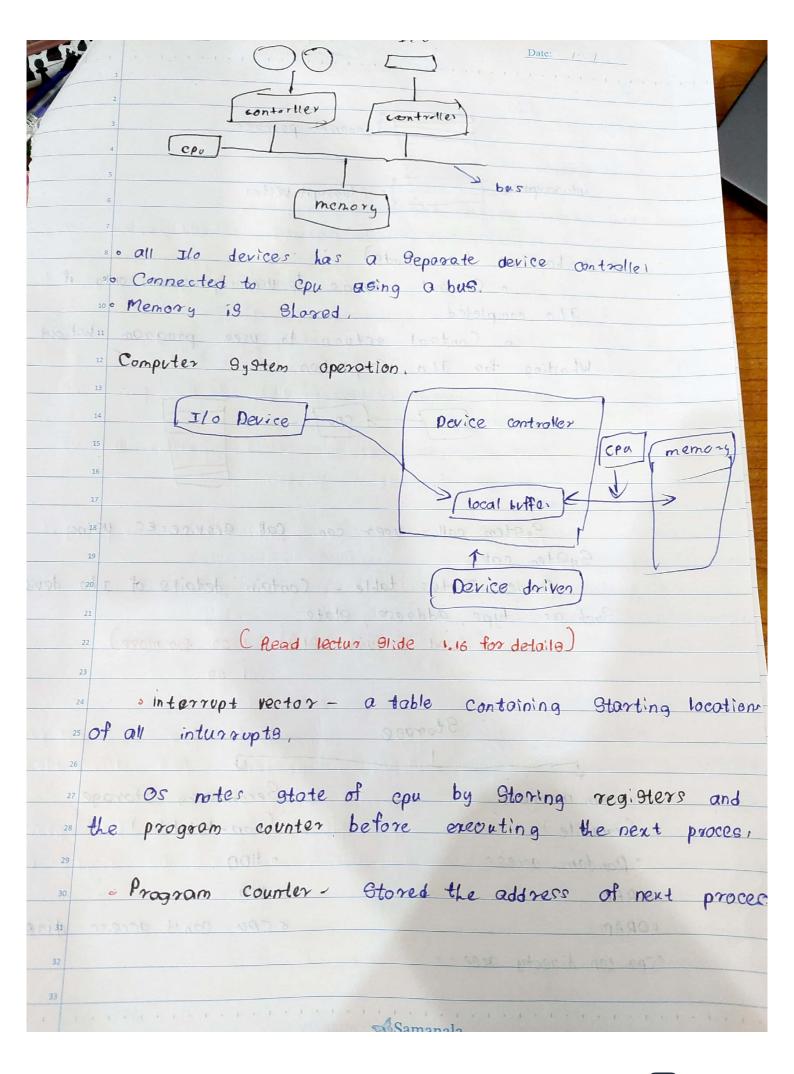
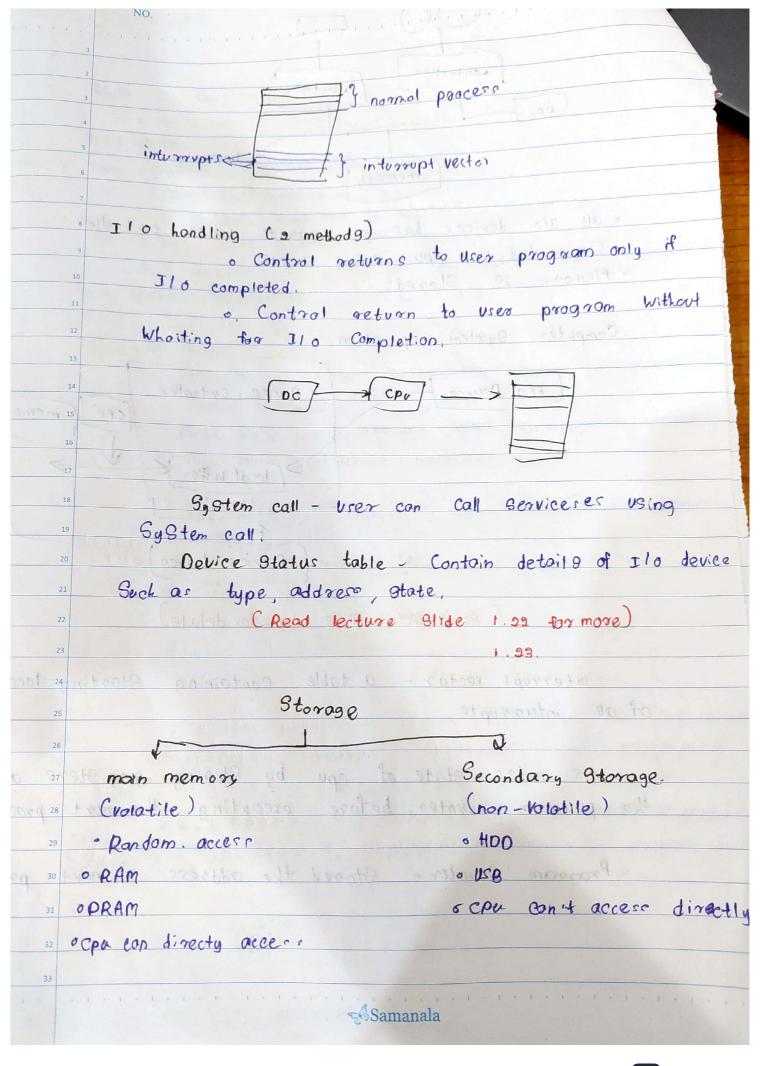
SOS told	
3	
lec 1 - Intro to 03. (Part 1)	
o A program that act mbetween lawer and Com	oute:
hardware is called 03	Por
8 III I RECEIPTED TO ONLY TO FALL TO DOE HOLD	
though a goals of os	
execute user programms.	
o Make system easy to use.	
o Provide an interface (graphical)	
• we computer's hardware's in efficient way	-
14 Amaraang tarties a	
Computer Byttem Structure	
16 main 4 parts of the office	
oHardware - Cpu, memory, Ilo devices	
o Operating System.	
o Application program browser, apps, games.	
o Users - those who Using the computer.	
22	
23	
24 Viser	
197 1025 20 11 11 11 1 0 named with 12 6	
Application programms	
27 A STATE OF THE	
man 28 lett to a same of Tan Jan Company of the box	
[OS	
30	
31	
Hardware:	
33	
Samanala	

What os Do
user view, so of only 1991
o easy to interact with System o good performance o if System connected to network should manage individu al wage and sharing of resources.
oil device is a remote like mobile battery cape
and speed Should be enough to long last,
o Allocate resources respectively to the processes. Control programs,
o Make Sure I lo devices Work in proper manner, hondle all application programs,
18 oThe program always aunning in the Computer is ternel (part of or)
20 same again contact a master a not too light o
23
o System program - Com! With the os Cnot remei o Application program - programs not associated
with or Cureor interact with this). o middle ware - a Software fromework that provide
29 additional services to application devs (DB grapher etc)
30
32 Santhall
Samanala





	Date: //
	2 HDD - hand 1
	HDD - hard digk drive.
6940-99	a glassy hope of Appendix to be
6	tracks
7	and who has a second of the
8	General sent land shifting
9	Storage Lierarchy
111101100110	a Con dellete believe processes
0.00° h	Categorized using
12	Speed
14	Cost and Transition of the control o
15	Volatility, lostory of para
16	(Refer lecture Blide 1.28 / P.29)
17	Modern computer
18	Duck made Land
19	
20	device & > cpv / > memory
21	about (c) to prode
22	DMA
23	compact attendments - Ad whom a
24	o has a DMA C Direct memory access
25	a Can access memory Lithout using epu.
26	o DC gerd data ar blocks to memory directi
27	o Also referred as Von Neuman architecture.
28	
29	
30	
31	
32	
33	

	NO.
	1 100 book - 994
	Multiprogramming Chatch) 10 book - and executed
	a alum heen list of programs to be the
6	
7	o Jobs selected by job Scheduling
8	Multitasting (TimesLoxing)
10	storage ligrandy
11	Several programs ready to our of the some
12	time (cpa Scheduling)
13	oil process doesn't have enough Space in meno
14	Ts shop to Virtuol memory
	leal mode operation.
17	Plodem Computer
18	Oval mode
19	4
20	Vret mode kernel mode
21	C1) = mode bit C0) = mode bit
22	o mode bit - given by the hardware.
23	(12930) promany band 2 AND 0 20d 0
	Timer - bed to prevent from infinite loop
	ch process given a time to be executed.
	Clecture slide 1 38 for more)
	Clecove silve in the silve in t
,	
Parl Inches	

Process managment
Process
managment
Process is a program in executions program > passive entity
· program > passive entity.
procecr - active entity
procerr need - cpu, memors, 110, tiles, data
Process and galance
Single threeded Multi-threaded
one pe per thread
one program at a time omultiple programs at a
time
mount was a sure of the mount as
Process managment activities
· Create I delete processess.
s suspend/ recume proceeder.
o process sympkronization.
o deadlock bondling.
21
22 Memory managment.
o to execute a program all intructions must
24 be loaded to memory
25
Memory monagment activities.
28 Wed.
· Allocating I deallocating memory Space
Destailing Which data and processes
should be in the memory
32
33
Samanala

	NO. Date:
	NO.
2	File- Santan manaament
3	o files organized into directories
4	sold a stranger of a contrary
5	Activities
7	· Create / delete files
8	o mapping files and directories
9	o Backup files
10	
11	Mass - Storage Managment
10 424	e ved to store data for hept 'long'.
	open of the same of a time of the post of
14	Activities
15	mounting 1 un mounting
16	storage allocation
17	pertitioning
18	protection.
19	antended toolbash
20	gallated design and a second s
21	
22	Menagy management
23	hoveter to marginal a strain to
24	be landed to properly and
25	
	Mening processed and vitterial
27. 3 17.6	to teng land to heat goods
28	3-5-4
8 G	the way and a self- the of the following.
	the state of the s