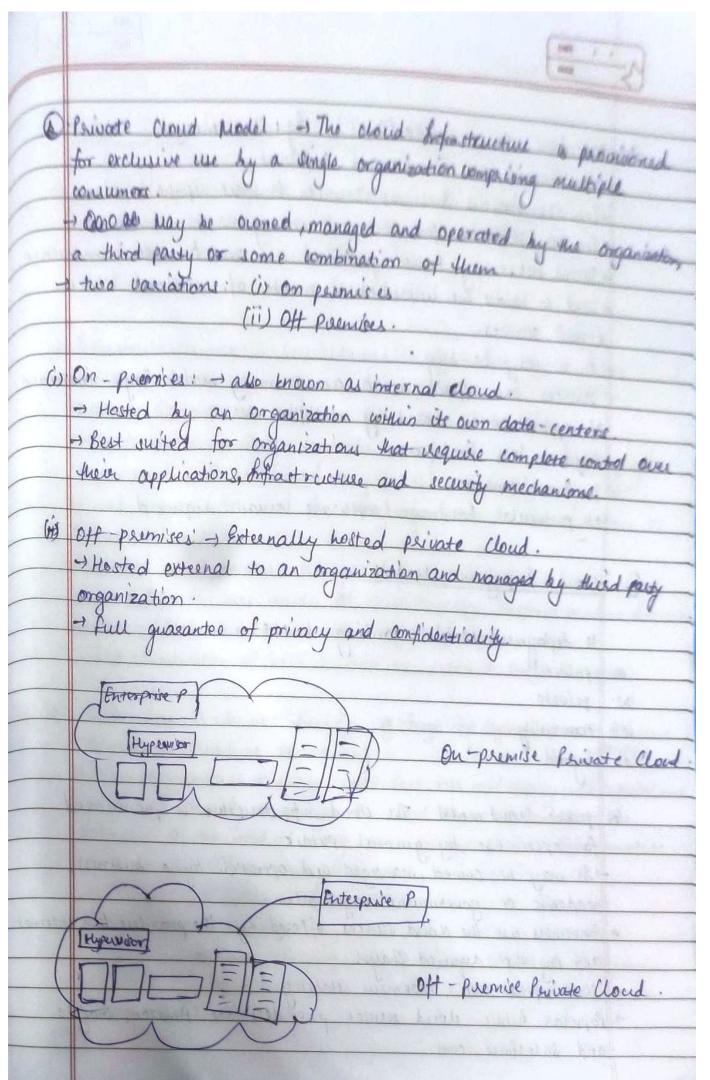
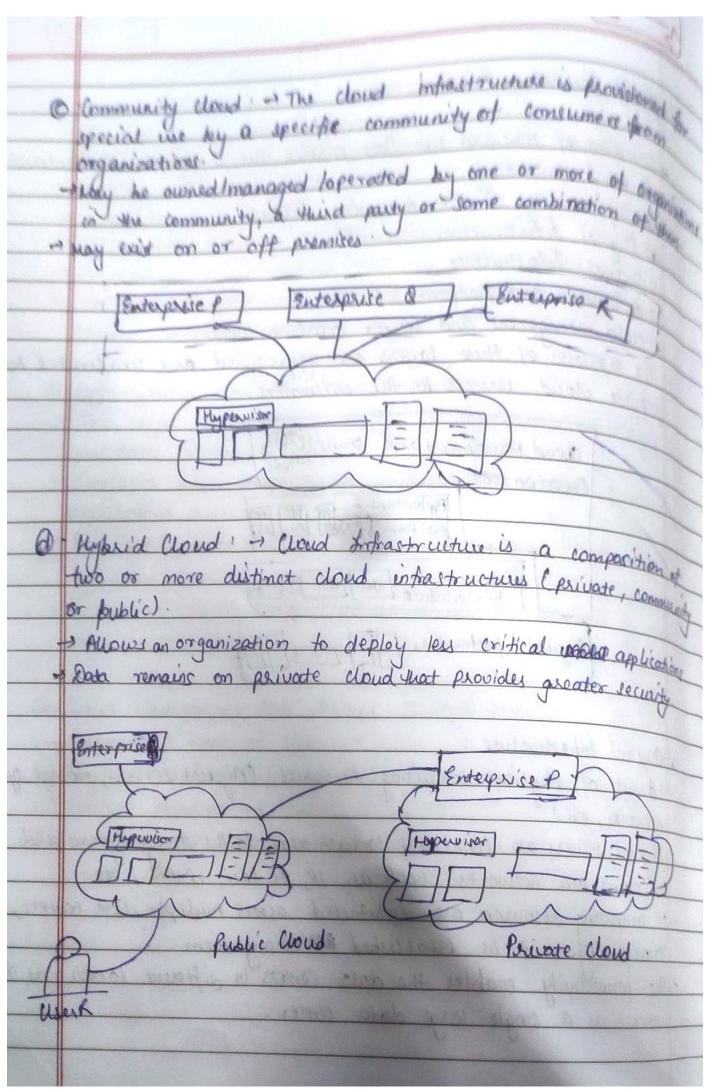
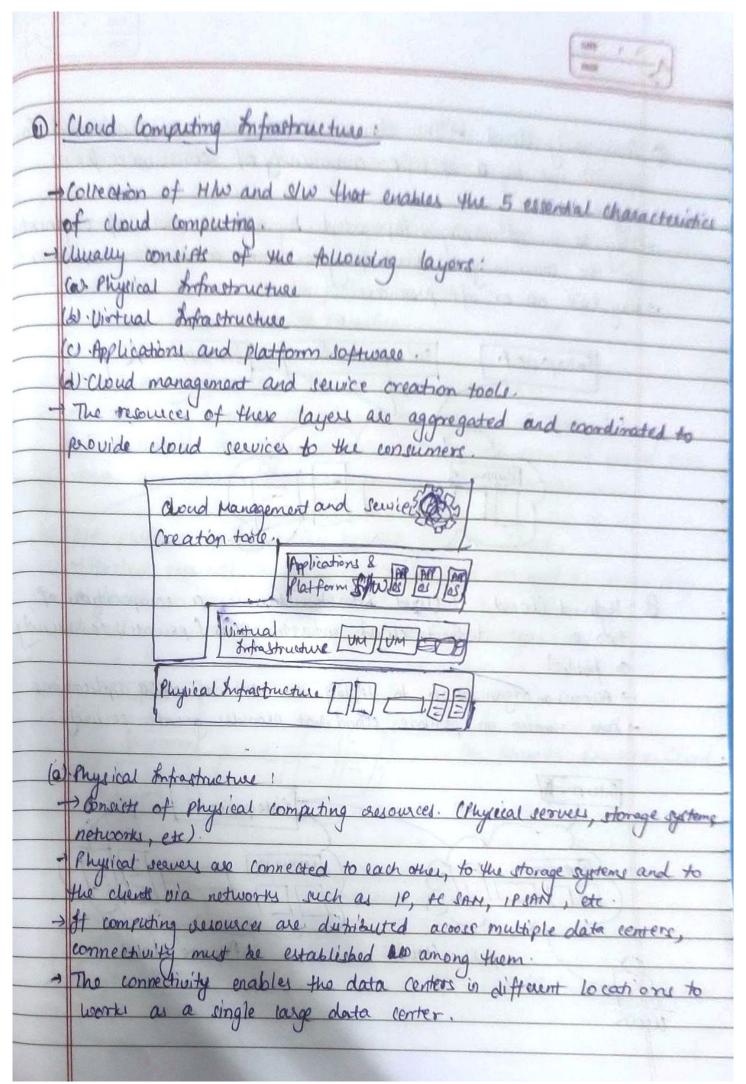


	The state of the s
(c)-	Software -as - a - service (saas): Eg. EHC Mozy.
	- Provides vacious business - services to start-up the business
	- Also known as on-Demand Software.  - Provides vacious knuiners - services to start-up the knuiners.  - Provides software for document management.
	s used to hardle the unpredictable number of was and
	Social Networking Selvice providers use saal for their commissions used to handle the unpredictable number of users and load as e-mail selvices.
	It is easy to duy.
	Services are offered as a one-to-many makes a
	of application is shared by muttiple users.
auga la	hequires less Hardware
	Low-maintenance.
	No particular hardware / software versions required.
ALL ISL	The past alex narawate I software versions is equired
6	Choud Deblar + Madall
	Cloud Deployment Models:
	U dodo out Hotely are disconstruction
(0)	4 deployment Models according to NIST:
	painate
(c)·	
(a)	hybrid:
la	A sould find the state of the s
•	public Cloud model: The cloud infrastructure is provisioned
	for open use by general public.
	+> It may be owned, managed and operated by a business,
	academic or government organization.
	Consumers use the about services offered by the providus via intimet
	and pay the aguired charges.
	1 low capital cost, enormous stability.
	Popular Public doud revice providen are Amazon, Groegle
	and salesforce.com.







0	untual Infrastructure:
	+ On the of opening Intertructure.
	Enables some of cloud characteristics such as accounted
31.51	pooling and rapid elasticity.
-	Helps to reduce cost
-	Better efficiency and optimization.
->	consolidated resources are managed as a consolidated
4	consolidated resources are managed as a cinet
	consolidated resources are managed as a single enter
5,627)	and the property of the party o
0	
	This layer includes a suite of business
	Applications and Platform Software: This layer includes a suite of business application of platform software.
-1	Platform s/w expirites up anying
	Platform slw provides the enviorment on which huiren applications run.
7	for saas, both the application and platform shw are provided by cloud service experided.
.122	by cloud service providers.
1	Le care at least and date
	In case of Paal, only platform service is provided by dad
	Secorde Kno Dialets.
	Cloud Management and Service Creation tools:
6	aloud Management and Service control tools:
-	Includes 3 types of SIW:
(a)	Physical and virtual infrastructure management slw.
(ii)	Unified Management S/w:
	User-access management vottware.
	the second secon
	The section of the se
	And the state of t

0	Cloud Challenges:
	Challenges for consumers:
*	Monitoring of its access.
	monitoring of its access.
-	Consumers might not be will
	Consumers might not be willing to transfer control of this
-	Consumers may or many north
	consumers may or may not know in which country their data
-	Some cloud service examination
	Some cloud service providers allow consumers to esseled the
	Rismatch blw hypervisors.
7	difficulty for commend of
	difficulty for consumers to change their cloud service provide
	The second secon
-	Challenger for provider: Cloud Service providers must ensure that they have adequate resources to provide the
	adoptrate resources to provide that they have
- 11	
	actual east of providing the services.
-)	Some of the software vertdors offer grandardized would was
	licenses at a higher price compared to traditional licensin
	modell.
	call promphanes contained a fair last or and top of the
B	Cloud enabling Technologies:
	The state of the s
	(a)- Graid Conjuting
	(D) Utility Compressing
	(C). Virtualization
	1d). Service - Oriented Architocture.

(0)	Grid Computing:
	form of distinguished computing that enables the resources of numerous hoterogeneous computers in a NIW to work together on a single task at the same time.
	The state of the s
	on a single tack at the same time.
	on a single tack at the same time.  Enables parallel consputing and is best for large workleads.
(k)	utility computing:
->	Seewide provider makes computing desources available
	Service provider makes computing resources available to a
->	customers, as orgained and charges them based on mage
	similar to other utility resources such as electricity was
0	Virtualization.
+	Technique that abstracts physical characteristics of 17
	resources from the resource uses.
7	Enables the vasources to be viewed and managed as a pool and lets were to create virtual consucces to
	and lets users to create virtual resources from the fool.
4	Provides better flexibility.
+)	Optimize resource outilization and delivering resources more efficiently.
	efficiently.
(d).	Service Oriented Architecture (SOA):
	Provides a get of services that can communicate with each
	Other.
	These services paragrapes together to perform
	some activity or cimply pass data among services.
	Jesus Carred Services.