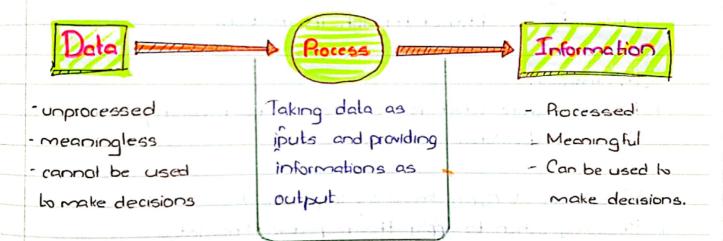
Basic Concept's of II

(Jato 20/03/2021

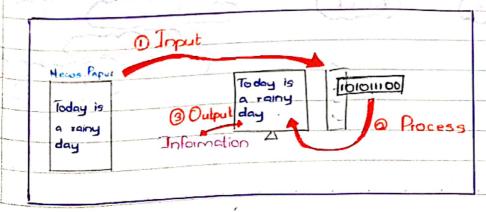
Dola

- Data refrerefers to unprocessed and meaningless row facts which can contain
 - numbers
 - alphabatic characters
 - figures
 - images
 - videos
 - audios



Information

* Information refers to processed and meaningful data which can be used to update the knowledge.



ProMate

	Date 34/08/2140
1	Big data Analytics.
-)	the state of the second of the
	Big data,
Ex!	Business organizations & capturing data from customers daily.
	Analytics,
E×:	Analysing the data to predict the customer behavours.
	Knowledge.
*	Knowledge is obtained through information.
	vile mind of the recognition of the land o
	Information
*	Processed data which is converted to be meaningful and useful
	bo make decisions.
	(a partial and a
.2 131	Wisdom ('Apply knowledge in practice")
*	Knowing when to apply the respective knowledge
	Data rollection methods
	anning anning
	Automatic p Semi automatic Manual)
,	my and and
(5e	oce (MICR) Questionnaires Observations
	Interviews
	(Report imspection)

	Date @ 3/04/201No
	Questionnaires
*	Printed set of questions which is given to respondents and they
	will be filling it with their responses.
*	Types of questions in questionnaires.
	1. Closed ended (MCQ's)
	2. Open ended (Fssay)
*	Advantage
	+ can obtain a quick feedback from a large number of respondents.
	Faves time, errore and cash.
	Disadvantages
	+ cannot obtain customazed responses on induvidual basis.
	the state of the s
	Interview
•	It's a discussion between 2 parties where one side asks questions
	and other side answers.
-	
*	Advantages
-	+ Can obtain more customized responses by asking follow up questions
-	
*	Disadvantage
-	Therviewer's bias (ravouraitem) can result.
-	+ Consumes more effort and time
-	
-	
-	
-	

ProMate

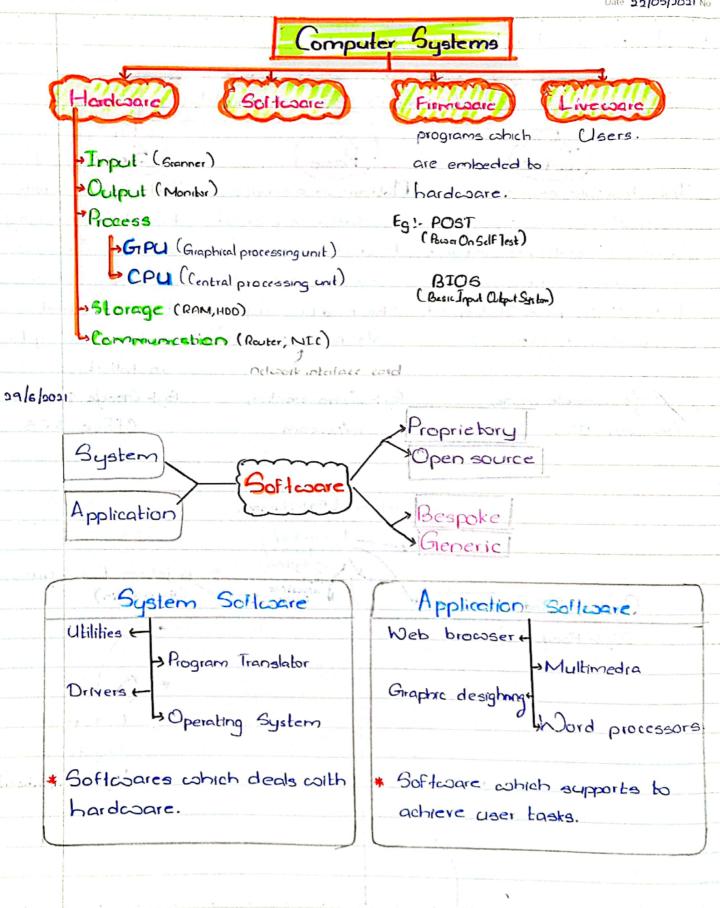
3

ARPANET Advanced Research Project Agency Network. Dept 1 * A centralized network Dept 2 Structure. Boom H.Q (Head Quarter) Dept 4 Dept 3 Internet Network Interconnected > Interconnected A network of networks. networks. Net 1 * I-las a distributed structure. Net6 Net 2

		Date 15/05/2021 No
	WWW- World Wide Web	landle [1]
*	Web browsers are required to surf World Wide Web	>
Ex !-	Safari,	
pare out to of the con-	Chiame,	171
	Firefox,	71 111
	UC browser	11
	Opera	
	Tor.	
	in the money and ad the land above the s	
*	A website consists of a collection of webpages and	resources.
	Website	1.7.1.
		old black
	Inderblook	Logo proq
	About html Contact htm	
		1
(Th	Homepage e first page to load)	
		Restores
	Webpages	
	Sub domain Top level doman resource	97.71.7
	https://live.itgurulk/books/emoney.pdf	and the settle
otoco	k transfer Main domain directory [Secured)	
ė.	URL (Uniform Resource Locator)	_
	Common to the second response to the second r	

-			
*	Cloud is another term	for internet.	
1			
	Cloud	computing service r	nodels
25/021	(Zepa)	Page	Sags
-	Infastructure as a service	Platform as a servi	
8	A virtual computer is provided		
2	b access remotely via intern		and the second second
100	where the operating system		
*	RAM, HDD space, CPU spe	. 10.5	
3:	can be figured online.	ols, RAM, HDD	•
			install it.
Eg'-	Google compute engine,	Eg : Zoho creator	
	Amazon EC2	Wix.com	Office 365
(Special		System (Fg: Huma	ກ)
		- Elements/	
		Sub system	System Roundries
	5 Resources	(Ext. digestive	System Boundries (Ex :- 6kin)
8t	(Eg: Food, Os)		
	And the		
	- mi sab	See Section 1	17
	The state of the s		External
		•	Systems
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y	(Eg!-Bank, Scho
1			
and some			
1			





Proprietory

- * A software which is owned by a company or an induvidual fg: Microsoft office, Microsoft Windows.
- . The source code is hidden.
- * Usuall requires to pay and obtain a licience to use.

Open Source.

- * A community of users or devolopers here built the product.
 - Ext Ubuntu, Open office.
- * The source code is visible.
- * The licience to use or distribute the software is given free.

Generic

- · Ready made software.
- · Saftwares which is devoloped & available to use.

Ex! Ms. Office.

- Advantages.

Reliable

Less cost

4 User friendly

- Disadvantages

aless customazability

Is Might not fit for purpose

Besnoke.

- · Tailor made softwares.
- . Softwares which will be devokped (Coustom mode) based on requirement. Ext. Banking Solution.
- Advantages.

AFIL For purpose

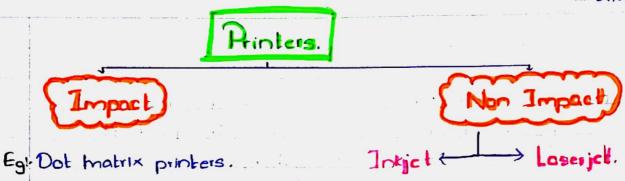
- Customizability.

- Disadvantages

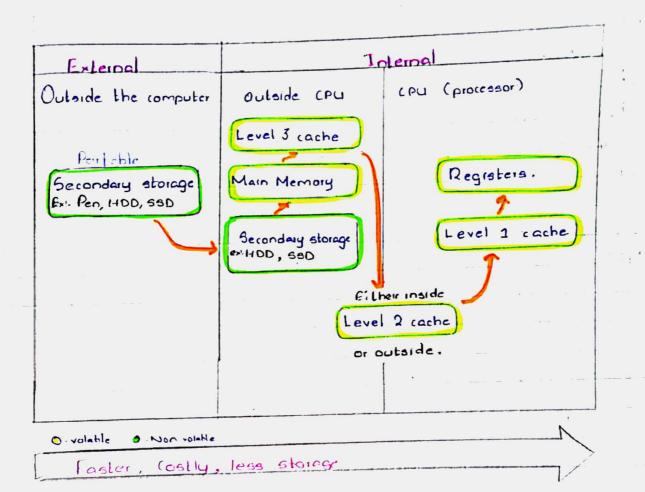
Unreliable

> Higher cost

Not tested properly.



Memories



Validation 9	Verification.
(Validation)	(Verification)
Length check	·Visual check
Presence check	Double entry
*Format check	1 3.22 1 · C
Type check	
Range check	<u> </u>
Validation (acceptability)	Verification (correctness)
NIC -	NTC - Incommence and the second of the secon
Are entries acceptable as an	
NTC or pot.	
	Later and the second se
* Length check,	
Checking an entry against a	minimum or maximum number of
characters.	
Exi- Contact number in local format	contains 10 digit.
[-777721022]	Valid
· contact - 0777731333 @	
· COULCEL - [0] 222216-1	Irwano
* Presence check.	
	field or not.
	cme.
· Username - laboros D Val	
· Username - STO	The state of the s

	Date 13 (06/3031 He
*	Format check,
•	Check any entry against a pattern which contains mandatory characters.
	An email address must contain 'e' followed by '.'
	email john456@live.com @valid
	email johnyse@live X Invalid
*	Type check,
	check an entry against a certain data type such as alphabetic characters
	or integers or decimalsetc.
Ext	Age field accepts numerical integers only.
	Age ab Dovalid
	Age 25.2 Nalid
*	Range check,
	check if a numerical entry is with a minimum and maximum value range.
	Acceptable mark is between 0 and 100 (inclusive)
	Mark 95 @ valid
	Mark -20 & Invalid
*	Mark 101 (x) Invalid
<u>-</u>	Visual check,
	(heck against a source visually after entering (feeding) data.
	Pasaport, System
	Enter data Passport No - 1
	Name . TI
	Expiny date
	After entering) Issued date - 1
	against the source
	J

ProMate