21-090CT 2022 Blackshein Agenda Bit coin White paper Node TS - Agarda 1) What is now + why is it used 2) Modules in node Is 3) Events 4) http sorvey White paper 1) New regeorch Back Story of BIC 2) New technology MOW BTC comes into existance? 2008 1998-2002 - Internet Companies -> Start a information 2002-2008 -> Brom IT Sector

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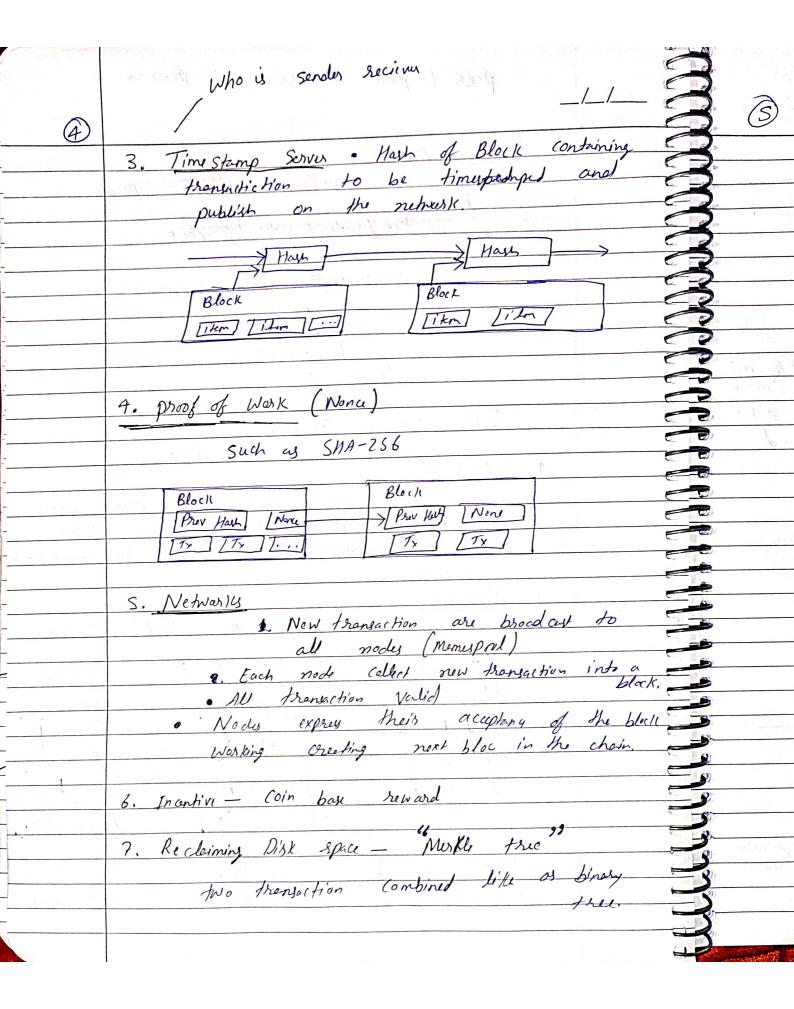
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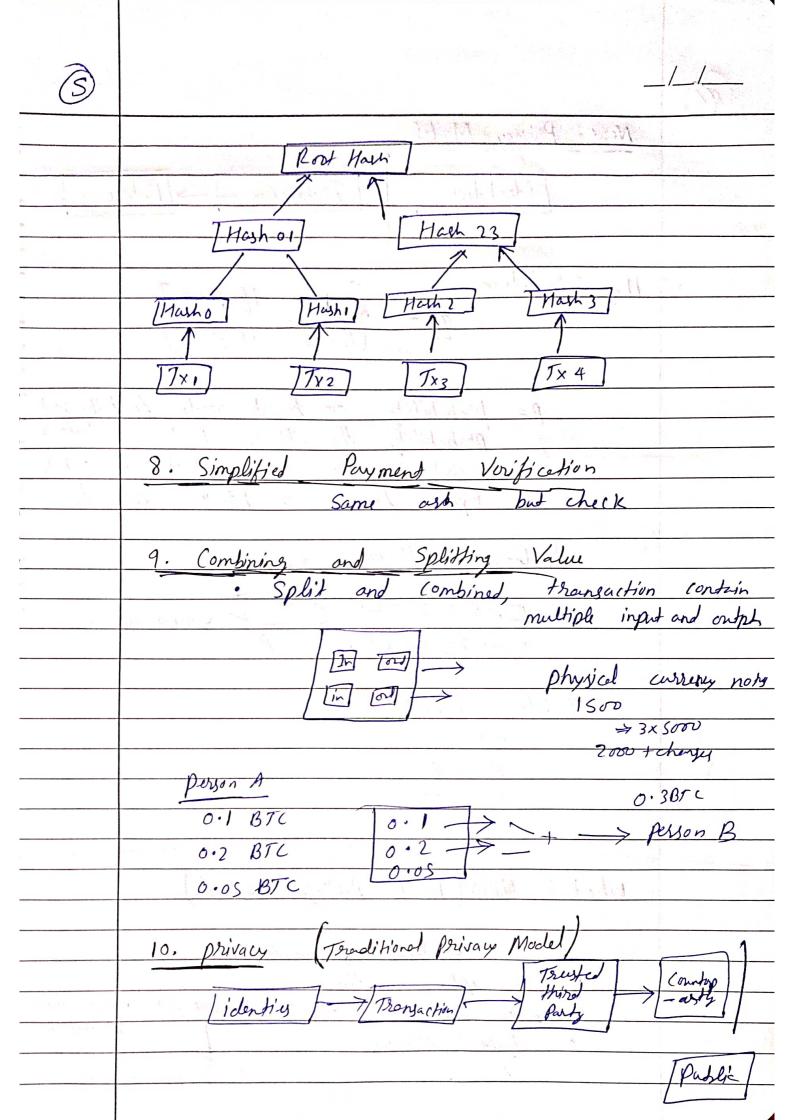
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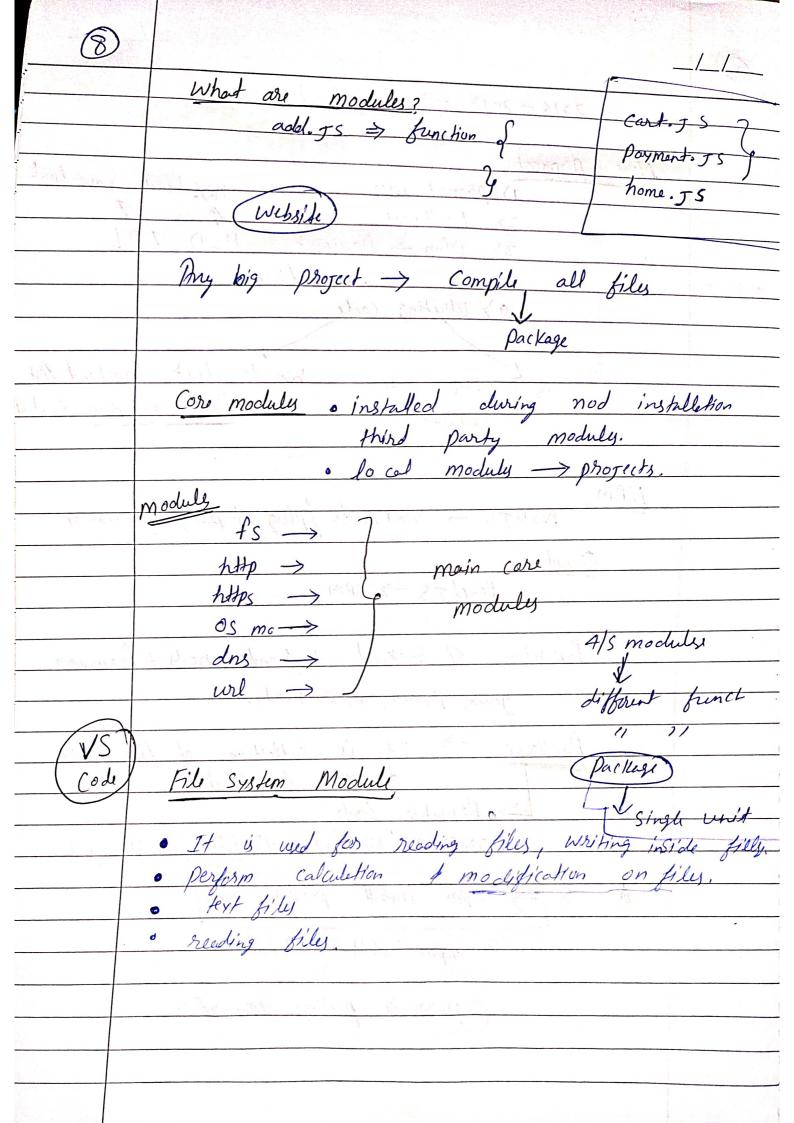
	Quantum Computing
(2)	/_/
	2008 - Very Biz Grobal russ recession (USA)
_	A Maria de Caracteria de Carac
	Big Bank financial recession - ex >> Bank Currup
F-08-7	A CANAL STATE OF THE PARTY OF T
The same of the sa	Growth Stoppage
	why - Loans during time
.——b	ail out financial Sector
	Inflation
	Too much spending
	12/21/000 2002 4-71
	2008 Gelobal finance crasher => Creation of Bitcoin
	2008-2009 — Satoshi Nakamoto
	2009 -> published whitepaper (Research paper)
	Alternative to traditional banking
	Very transfer to regress to extend to
	* Bank
	funds -s londing Alternative idea of
	Description of the second of t
C mard	people Nation Wise
elon M	usk - Commiss
econ	BTC Whitepaper IT Companies
	Crypto currency -> Blakchain Technology
	2012 -> becoming popular
while	
11.10	peer to peer
	Diginal Signature - private Ky & public
	There is a series of the serie

double Spending image -> multiple people binary andio, Video / Graphics digital currency - only transaction Person 1 person 2 person 3 Person double spending problem 1. Introduction non-reversible - not money back · Bank clased - wrgent mony Salve System is secure as long honest needs Transactions digital signeture. · electronic (om Transaction Transchion Transaction Owner 3's Owner 2's Owner Public las Public Ky Hash Verify Hash STyny Owner 1's owner Signatur Owner 3'5 owner ' Owner 2's f Private 124 Private ky Brivate





New Privacy Model identifies Trongaction - Public 11. Calculation S1 if P ≤ 27 2= ((2/P) if P)2) P = probability an honest node find the next 2 = probability the attacker find next sblock 92 = phobability the attacker will ever catch up from z block behind. metacions attackes q. U-U-U-Q inine again 0-0-0-0-0-3 block behind P = 0.6 2 = 0.5 What is NPM (Node Package Monages) · node Js backend frame wask · javascript runtime · prior node Is -> Is runting for Google Chlome Vs enging DOM HTML local Pc offline



Const fs = require ("fs");

fs. read File ('demo txt'/(err, dota)) => { else of

Console log (data);

y

Or (data to String 0)) fs. read file - report a binary = heradecimal format Conversion Writing file - (new file with text form)

Const fs = require ('fs') FS. Write File ('write. JS', this is new file, we are are writing something"); if (cr) & Successfully written to the file? throw ers name;