cs 382	-	Intro d	untern to	Blockel	nain,				
Blockchain	CSE	TULLOC	SCC (10V)		_/_/_	- 6			
Brech 6th	Sew					-6			
**	Blockchain Contents:								
•	Blockcho	ain - Hash	Png Algo -> Imn	nutable 1	edger -				
	Concensus	Protocol	Prog Algo -> Imn Mining - Dist	ributed P	RP Networks 4				
									
•	Bitcoin	→ Bitcoin's	Monetary Polit	y -> Min	ing -> Nonce	7 6			
	FTran	sactions	Mempool -	CPUS VS	GPUS US ACTES	4			
Transactions - Mempool - CPUs vs GPUs vs ACTES - Nallets -> Public Key and Private Key.									
	,					6			
* Ethereum -> Smart Contract -> Dapps -> EVM and Gauz DAO Attack - Hard and Soft Fork - DAOs									
									JICO -> ALL Coins
*	* Blockehain is a disruptive technology. It is a distributed immutable ledger which is completely								
	transparent. It is a decentralised system (Pop Network)								
		•			·				
	Block	Format:	Block No. & L		Block No 2				
			Doda		Pata				
-				-	3-1	-			
			Prev Hagh: 00	0	Prev Haski & C4				
			Hash: 802		Hash: 030				
	Block								
1 2		>0 ↔	OF Q' NO	N DO ON		e e			
	Block 1	Block 2	Block 3		BlackN	C			
						40			
	n .								
						J.			
	-			-					
		2 1							

				/_	_/				
				1					
	*	Hashing Algorithm:							
		Requirements:							
		-> One way: Data -> Encrypted Data, -> Data							
9		> Deterministic :							
•		> Fast Computation							
- C		Withstand Collisions							
0		-> Avalanche Effect.							
Ó			•		4				
-0	*	Bitcoin:							
		Technology	Blockchain						
	6	Protocol Coin -> Bitcoin/Bitcoin							
		Token -> No tokens in BTC.							
0									
	*	Bitcoin's Monetary	Policy						
	*	Block Frequency							
((3									
(1)		The Halving : (supply	, cap of BTC is	capped 84 21	- million)				
			Date (4444)	Block Num.	Roward.				
		Launch of BTC	2009	0	50 now XBT				
(0	·	1st Halving	2012	210,000	25 new XIS				
0)	2nd Halving	2016	420,000	12.5 new XBT.				
-4-		3rd Halving	200	620,000	6-25 XBT				
		Lyth Halving	Expected 2024	740,000	3-LREXBT				
	3	5 en Halving	emperted 2028	850,00	1.5625 XBT				
	•	Max Supply Reached	Expected 2140	6,930,000	O new XBT				
		113							
	<u>)</u>	Block Frequency:		,					
	<i>b</i>	The states that on o	in average, it	takes to mi	n to				
		It states that, on o create a new bl	ock.						
A									