	Blockchei	h (#13)		DATE: / PAGE NO.:	/ /
24 Sep 200	22				e de la companya de La companya de la co
	Agenda	-> Demo	Basic	blocke	hain
	11. 44	<u> </u>			100
	Today	1) Hash		1	
•	Agenda	2) Block			
		3> Block	Chain	0.4 1. /	1
Market St. A.	and the	4) Distry	buted	Blocket	
	1. 1.	s> Asyr	nefric	Cryptogre	phy work
	7 7	· 887			
	r ,	. 44		. 1	
11 11 11 0	MA 256 -> (Bi+co	and the	: doll		4 4 2 1 1 1
# Hash S	MA CS6 TOTAL		And the same		4
100	L. A Exphi	hash is	64	character	long
proper	14 PEVOY	~~		64 Ku	
Table 180	<u> </u>	n ~ 16.		~	
	A A	Lives	Singli	leffer	change
	· Cho	19/14			
The the way there	N.3	completel	$\rightarrow ho$	ish' isi	always
The same of the sa	pard.	icular 114/49	1		10)
	1.0			11/1/1	
Company of the Compan		4 4 1	in a	· o	
Deferminist	jc	the state of the s	inter		
	input t	random M	<u>urups</u>		
				17	
L'ann shuis	al inter	ri dor) 13	arina fals	77	
All the since	The	ash		r the chi	
	A CONTRACTOR		Data:		un XX
		1281		1 3	The state of the s
3	1000 1100	A GAUNA	- 3) N	NA -	
A STATE OF THE STA		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Harh:		4.71

8 Cockerin (HI) PAGE NO. : 2-15-00 12-12 Houle - Deno # Block 18 1/0/2/ Block . 1 Nona: 85869 Data : Exil = a-b and an Exz =2 c-d tx3 t \$4 -Mach: 64 character 1 - 12 USA 187 Send private) botto (publico key) · Once data entry that's ma change ideta fuhrealing motors · Immutable ledget - which mens once ald NONCE - Number only once Mirh:



DATE: /

PAGE NO. :

decimal 0-9 Nexa decimal 0-9 a-f 10 unique element 16 charactery 6 urique element 00000 0101 64 x 4bit/charactery - 256 bit/64 charactery 1 1 SHA 256 - Number of bits (0-9) to (a-f) SHAS12 new algorithm • Bitcoin • Ethorium • Polkadoi Polkadoi Prov.	The state of the s			
hexadeimal 0-9 a-f 10 unique element 16 charactery to 256 bit / 64 characters 64 x 4bit / charactery - 256 bit / 64 characters 1 1 (0-9) to (a-f) SHA 256 - Number of bits (0-9) to (a-f) SHAS12 new algorithm Bitcin Filtrium Polkadoi Priv: Priv:			the same of the sa	Million of the
10 unique element 16 charactery 6 unique element 00000 0101 64 x 46it / charactery - 256 bit / 64 charactery 1 1 SHA 256 - Number of bits (0-9) to (a-f) SHAS12 new algorithm Bitcoin Etherium Polkadol Pres	hexa decimal	1-9 a-f		- 1
SHA 256 — Number of bits SHA 256 — Number of bits (0-9) & (a-f) SHASIZ new algorithm Bitcin Polkadol Prov: Prov: Prov: Prov. Prov.		Y WA	20	
SHA 256 — Number of bits SHA 256 — Number of bits (0-9) to (a-f) SHAS12 new algorithm Black chain Bittoin Polkadol Prev: Prev: Prev: Prev: Prev: Prev: Prev: O 1 0 1 Charactery O 256 bit / 64 charactery (a-f) SHAS12 new algorithm Black: 1 None: Prev: Pre	10 Unique	element	16 cha	rackyt
SHA 256 — Number of bits SHA 1256 — Number of bits (0-9) I (a-f) SHAS12 new algorithm Bittoin Bittoin Polkadoi Prev: Prev: Prev		element	1000	0
SHA 256 — Number of bits SHA 256 — Number of bits (0-9) & (a-f) SHASIZ new algorithm Bitcoin Christian Polkadol Prov: Pr	the ships of the	A Stagle	* A	
SHA 256 — Number of bits (0-9) & (a-f) SHAS12 new algorithm Bitain Etherium Polkadol Rock: 1 None: Porv: Prev	64 y 4 bit / charactor	256	bit 64 ch	ara (fe)
SHA 256 — Number of bits (0-9) & (a-f) SHAS12 new algorithm Block Chain Block Chain Polkadol Block: 1 Nore: Dote: Prev: Prev Pr				y 41°-
SHASIZ NEW algorithm Shasiz Blockchain Bittoin Polkadoi Block: 1 None: Dote: Prev: P		***	340 (11)	1.7 建計
SHASIZ new algorithm SHASIZ new algorithm Bitcoin Florium Polkadol Blak: 1 None: Dota: Prev P	Number of A	pits		T (1)
SHASIZ PREW algorithm SHASIZ PREW algorithm Bitcoin Etherium Polkadoi Polkadoi Prev Prev Prev Prev		1 4 Ca-f		
SHASIZ new algorithm Block chain Bittoin Chroium Polkadol Block: 1 None: Porv: Priv:	10.1	Causing 1		1 7
SHASIZ NEW Waganyan Black Chain Bitcoin Chwium Polkadol Black: 1 Nonce: Porv: Prev Prev		4 . 4		10 100
Block chain Bittoin Flhorium Polkadol Rore: Pot: Pot: Prev	a Dansithm A	de lilo	hind	
Black: 1 Nonce: Pota: Priv Priv Priv Priv	SHASIZ NEW WEST THE	Share was	18. 1 41. 148.43	11 x 21 x
Black: 1 Nonce: Pota: Priv Priv Priv Priv		and the	A A GOOD	of the second
Blockchain Bittoin Folkados Block: 1 Nonce: Dota: Prev Prev	A children of the state of the	10/00/00	mener 1	
Block: 1 Nonce: Pote: Prev: Prev:	A STATE OF THE STA	An and a	1200	
Black: 1 Nonce: Pota: Prev Prev	# Block chain	7 - 71-1	1	
Black: 1 Nonce: Porv: Prev: Prev:	MIDS 0 - C			A COLUMN
Black: 1 Nonce: Prev: Prev: Prev:		La se		4 . 7 1
Black: 1 Nonce: Prev: Prev: Prev:	• POLKADOI	(dellar &	whiteh () on	4-810
Black: 1 Nonce: Dota: Prev Prev	The same of the sa			
Nonce: Prev: Prev: Prev Prev			1- 63	Pen S
Prev: Prev Prev	Block: 1			
Prev: Prev prev	Section 1	A S	200	11/3
Prev	Ob. IV	IN I	pre	
Ham; Mars	Service of the servic			
	Ham; Mark	1818		1'005

Mine - check authentic or not DATE: 1(1)	
Green	
Red X	
	(
Hash chaining	Á
Combined data Stores	(.
Constant of the second of the	
Block chain	(
- It is block of chain of all block	
Combination to Connect	
child blan	
	7/6
7 2 3 4	
Gergins + 10hill	
Block + 1 child	
hard coded -> file -> code of first block	
7 114 / CODE OF 41M7 BLOCK	-6
	•
Genesing Block -> 1 child -> Crester of blockschoin	
(Mothers) 2) Block -> 1 child + 1 parent (Mothers)	The state of the s
Z) BLECK — I Child of I poster	
In the contract of the contrac	The state of the s
# District 1 1 (D)	-6
# Distributed (Decentralized)	_6
Peur Pour - A S Block	-0
Peur Peur -B S block	
The state of the s	
Peer - C S block	Total Control
Peer - C Sblock	



DATE: / /
PAGE NO.:

Block chain Voting	the Tokens
· there are three	people
18/00/2	•
(2/3) 66.6%	
Magazine Maria	& Anthertic
· 2 people 0006 e 469	Mass!
0/1000 - 000 c. age	M 6037
	The state of the s
Why decentralized Secure?	
majority win	
THE RESERVE TO THE PARTY OF THE	(Signess)
Fluid to the second of the sec	4000
Peer A Contract	lived why?
one p	
	pers 8
Mutable - changed data	And the state of t
	on the Karea is confirelist
Voting - Decentralized, Distrubated	
Voting - Decentration	u block a hain
chasing the next block in	the block crame
	B. Charles In the same
	h. d one
STATE OF THE PROPERTY OF THE P	he add one re block 4
1-0-1-1 50 % MO	fast who win
	ray vilo

DATE: /

PAGE NO. :

Till the state of		
11 Takano	The second of th	as he show show
# Tokens	My Mark The Mark Mark	The second of th
34.50	Block:	
· A	Olock .	1, -8y
· · · · · · · · · · · · · · · · · · ·	Nonu;	
No.	13000	alugar le
Peur A		Bangley
(2017)	\$ 1	11 (4 1/20)
4.	3	why c
	Courts Sind Stewar	
1 1 14	priv;	TOWN THE CONTRACT PARTY
Genesis		
Blech	Hash:	" IA)
	The transfer of the state of th	13/2 Mosel.
whice were	A A A A A A	A
pre	v - zero hach	
The state of the s		- 77 × 7
pear B	Seme /	- slothin
1 1	(Jerra) Maria La	Mediani
North Pro weekship		The contract of the contract o
	March March 12 March	- Failer -
fort	$-(C_{m})$	
	(Source) May price	
		y di
1 soil y	16 S 17 17-4	
1 330 12 10	THE SOLK !	
The of the		
Alexander and the second secon		

3

DATE: / / PAGE NO.:

Account of MDFC Bonk A-7 B Frue borg By Bank Benl > D = TIEN Company A >B Ledges 5/14/256 tx . (fransaction Block chain -> Crypto currency Money Store of Value by Number -> Grald reserves Money Valuable Rewar servinded . in the least . # Coinban Block Nonu pur A Coin bay \$ 1 on base TX: Howh:

PAGE NO.: STAM Sor Lubyst 18 Benz 5 frue fure Var = SMA256 (dota + nong + block) Brev how = 815 5.4 varh = Softwar der kan SHAZS6 (String + number) SHA 256 (Block + Nonce + Prev Hash) Rendom Number MARIE Reward Will be general Genisis -> (reste the first few 20BT fransfor Public 1 Key Coin base - Creation of Crypto 11964

DATE: 1 PAGE NO. : Who closculets crypto currency ? Node - circulate csyptocurrency 21 million - Etheurium Pules posed System bur Ltone Bit coin Soffway - Grithub fork 2 I invest id = it 3 2022 24sept JaVASCRIPT #17 DOM - HTML + JS Debugging Project -> idea -> requiremts +css, + Javascript Frontend - HTML Database + API + interface Backend Testing - Debugging I source > with find side > call stack +220501

she

They I left

Same Siles

1 on click button	DATE: / /
(d) latercy - One click button	PAGE NO.:
111 1 1 22 22 22	ich Hilic by +
Debugging - Testing functionality + errors	+ lateria
hunction - response time	12070109
> code filese > java script	
mones benderated (mercini = of willing 15	
→ debug. html	1
• •	
CSOripty type = "text / pavasorio-	his like
2/Scripty	
< input id = "t," placeholds = "Lex11"	74pl = xx1 />
Lingut id = "tz" placeholdes = "text 2"	
	265) (ms
<pre></pre>	= "btn Addition")
	Add/loncetness
(1button)	71
id "mtm.t" > < /h+>	201
<pre></pre>	(D)
function addition () &	
let a = document, get Element By	Id ('th'). Value
let b= document, getElemet B	y Id ('tz') rely.
downet. get Element by Id ("out	
Contract - Brite	1
inspect > Source > left hand side	* C.11 Shill
of the state of th	J Call STACK
(Task - Try use all dom	files
10051-1	