

## Experiment No: 4

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	implement intransactions by embedding of
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(urg)	Theory is a respondence of the
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droi	Blockchain is was decentralized digital ledger
ورا ولم	that records transactions across many
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	So that the record cannot be rolle
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to Ferto	This - ledgers distrimmy table sands transporent
-	i-ensurest ithates once recorded to the
	this decentralized recognitions smart
Aar.	contracts are self executing agreements
	alanded directly shipto the blockchains
7.	automating and enforcing aterms without
CH4,	entintermediations of the control of
-	Smort contracts are self-executing contracts
واوءاج	with the demo written directly sinto code
- 9	"They minion blockchain platforms like
	Ethereum.
	- These contracts automatically enforces
	and executes terms of an agreement
	based on predefined rules and anditions



Ethereum is a a blackchain platform that ienables developers to deploy and inn smart contracts and decentralisted applications. applications. TH has its own omptocurrency rether (ETH) which is used to pay for transaction fees rappel lands compilational services and the latwork. Events arenotused too dog octivities such ad + - as sdeposits to withdrawals and advanters enabling real-time updates for off chains Happinations no second some at tout of -Mapping stores sousers i balances , accounting allowing in efficient it dont a dissertieval when chions deline the contractle etaglic win cluding and and ethods fortidepositing fundadaiand thransfering ether between addresses with built-in to och eck at to rensure - i contractness & security . 25 In reconfecti with blockchain ria walled refers storioging of the reum of diddres is with a the com hold I diand manage rether (ETM) or cother tokens + transactions in Ethereum timvolve sending Ether to set 100 y stokens . From one dadress to another. - Los + Each itrainsactioning signed by the isender's = - Horivation + o les y inando olds volidated by THE proffibros bos salva bandabara la based