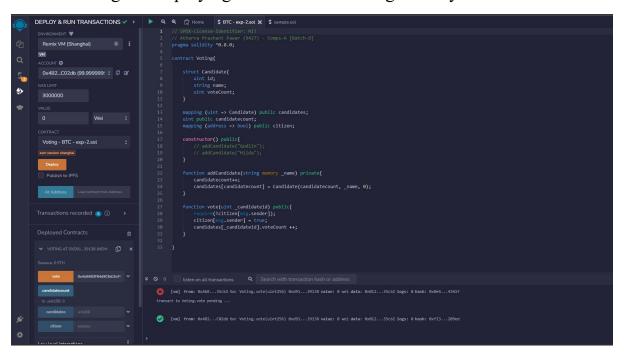
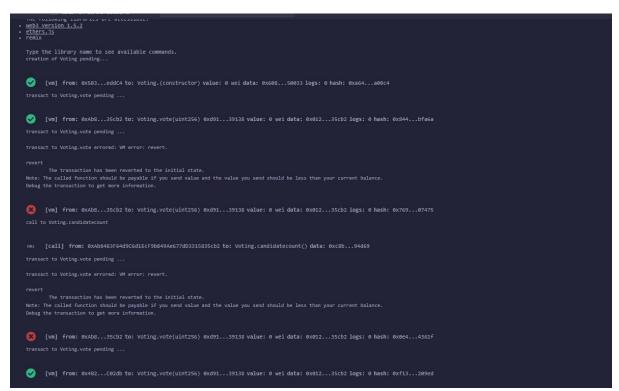
## **Experiment No. 2**

## **Creating the Smart Contract**

## Atharva Prashant Pawar - (9427) [Batch - D]

Aim: Creating and deploying Smart Contract using Solidity and Remix IDE.





Conclusion: We have successfully created and deployed the smart contract.

## **Review Questions**

- Q. 1 What is Remix IDE?
- Q. 2 How smart contract is created using Remix IDE?
- Q. 3 How the smart contract is deployed using Remix IDE?
- Q. 4 What is Gas?
- Q. 5 What is account in Remix IDE?

BET: Fxp2 Postlab  Other is Remix IDF?  Remix IDF is an integrated development environment (IDF) designed for building & deploying emant contracts on the Ethereum blockchain. It others a user frontly interface that allows developers to write, test & debug solidity smart smart contracts efficiently. Remix IDF is antirely webs based & requires no installation, making it accessible from any medern boowser.  Open the Remix IDF in your neb trowser.  I open the Remix IDF in your neb trowser.  Create a new solidity title asset write the smart contract code using solidity program long. Use the built in editor heatures for code completion & syntex highlighting.  Click the compiler butter to check for any compilation eman Create deployment on test network.  View the deployment on test network.		Athania Proceshant Pawar (01424) - Batch - D
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1. Open +omix 1Dt.	03	You the smart contact is deployed wring Romix IDF?
	1.0	Open temix IDE.
2. open or create solidity smart contract.	2.	open or preate solidity smart contract.
3. Click the compile button to check compilation comms.		
4. Go to the Deploy & Pun Transaction" too in Remix 20f.		
5. (onnect IDP to am fth mh (eg: JS VM (JVM))	5.	(onnect IDF to an fth mh (eg: Js VM (JVM))
5. Click the Deploy button		
T. Confirm the transactions deteries on the popular window	4.	Confirm the transactions detects in the popula window
that appears.		
8. Wait for the transaction to bemines, I once its successfully	8	Wait for the transaction to bernined, I once its successfully
mine, yours smant contract is deplayed 2 mady to use on Ptn nim.		minel, yours smant contract is deplayed smady to use on Ptn niw.
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	DATE:
06.	Nhatis GAS?
5	Gas is the context of Blockchoin motors to the unit of
	computational effort required to execute operation as
	Smoot contracts on the rolw. It acts as a measure of
	computational resources consumed during townswithin
	or contact inlexactions.
	each operation on the EXCT consumes specific amount
	of GAS.
	D3 GAS
Dec	What is account for Romix IDF?
Q5.	An account represents a uses & identity or address on
=/_	the Eth BET. It's associated with a private key that
	the the BET. It is another a forest with the
	allows the user to sign transaction of Enteract with the
	Blocketain. Romin 2015 provide, a list of accounts Mal
	you can use to deplay & Porteract with amount contracts.