Department of Computer Engineering

Academic Term: Jan-May 23-24

Class: B.E Computer Sem -VII Subject:

Blockchain Technology Lab**Subject**

Code: CSDI 7022

Practical No:	2
Title:	Creating the Smart Contract
Date of Performance:	4-8-2023
Date of Submission:	4-8-2023
Roll No:	9427
Name of the Student:	Atharva Prashant Pawar

Evaluation:

Sr. No	Rubric	Grade
1	Time Line (2)	
2	Output (3)	
3	Code optimization (2)	
4	Post lab (3)	

Signature of the Teacher:

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?

	Athania Poceshant Pawan (01424) - Batch - D
	BCT : Exp.2 Postlab DATE:
01.	What is Remix IDE?
=>	Remix IDE 7s an Integrated development environment(IDE)
	designed for building & deploying smant contracts on the
	Etherreum blockchain. It offers a user friendly Interstance
	that allows developers to write, test & debug solidity amount
	smart contracts efficiently. Romix DP 9s entirely web based
	& requires no Installation, making it accessible from any
	moderns proviser.
○ ⊘ ≥	Now smast contractis created using Remix 2008?
2) 1	Open Rate Remix 10f in your neb tookser.
	Create a new solidity tile oned
3	write the smeat contract code using solidity program long.
A)	Use the built -Pm editor heatures for code completion &
	syntax highlighting.
g.	Click the compiler button to check for any completion emon
6.	Once the cools compiles successfully, click the Deploy & Run
	Transa citium
7.	Test the deployment on test metwork.
0	0 ' - 0
03	You the smart contact is deployed using Romix IDE?
100	Chan Hours 101
	open or (neate colidity smart contract.
3.	(lick the compile button to check compilation corros.
	Go to the Deploy & Pun Transaction" too in Remix IDF.
	Connect IDF to an fth mh (eg: JS VM (JVM))
	Click the Deploy bottom
	Complian the transaction deteries In the popular window
	that appears.
8	wait for the transaction to bearinear, I once its successfully
	minel, yours smant contract is deployed & mady to use on Eth Mu.

	DATE:
OH.	whatis Ens!
3	Source the context of Blockchain motion to the unit of computational about required to execute operation as smoot antacts on the solw. It acts as a measure of
	computational resources consumed during toansection on contract interactions.
	at GIAS.
05.	What is account in Remix 3DF?
7)	An account represents a user's identity or accounts on the Fin BCT offis associated with approvale key that allows the user to styn transaction of Enternet with the Blockchain. Remix 3DF provide, a list of accounts ofther
	you can use to deplay & Porteract with grown contracts.