Centurion UNIVERSITY Sugar Irve.	School: Campus:				
	Academic Year: Subject Name: Subject Code:				
	Semester: Program: Branch: Specialization:				
	Date:				
	Applied and Action Learning (Learning by Doing and Discovery)				

Name of the Experiement : Explore the Chain – Using a Blockchain Explorer

# \* Coding Phase: Pseudo Code / Flow Chart / Algorithm

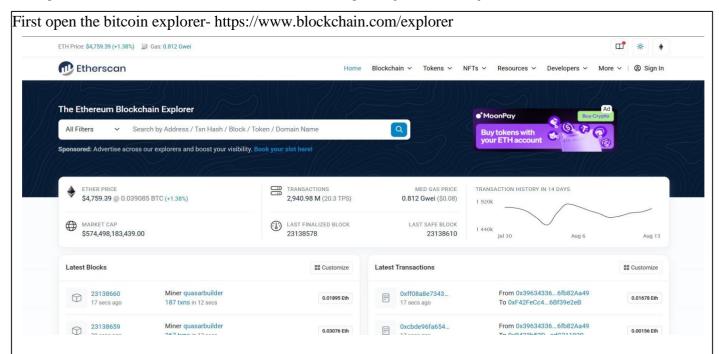
#### **ALGORITHM:**

- 1. Open a Bitcoin blockchain explorer.
- 2. Find the **search bar** on the explorer.
- 3. Enter a **transaction hash (TXID)** to view its details.
- 4. Review the transaction information sender, receiver, amount, fee, block number, and status.
- 5. Enter a wallet address to check its balance and transaction history.
- 6. Click on a **block number** to explore block details such as hash, miner, transactions, and timestamp.
- 7. Open a **smart contract address** (if applicable) to view its code and available functions.

# \* Softwares used

1.Chrome Web Browser
2.Blockchain Explorer Website
(https://etherscan.io/)

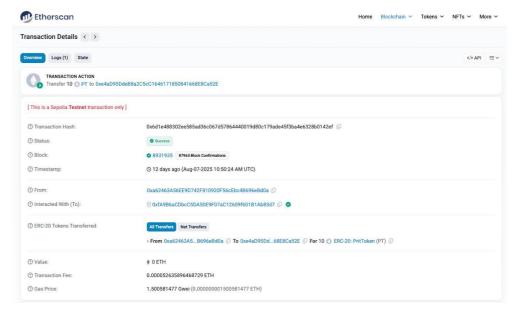
# \* Implementation Phase: Final Output (no error)



Then is search bar you can search with address, TXID and Token name



After searching will able to see the all details about the transaction like hash, timestamp, status, block number, value, gas price etc.



# \* Implementation Phase: Final Output (no error)

Applied and Action Learning

③ Gas Limit & Usage by Txn:	1,220,865   1,210,094 (99.12%)					
③ Gas Fees:	Base: 0.000166635 Gwei   Max: 1.500239596 Gwei   Max Priority: 1.5 Gwei					
③ Burnt & Txn Savings Fees:	<b>№</b> Burnt: 0.0000020164401369 ETH (\$0.00)					
③ Other Attributes:	Txn Type: 2 (EIP-1559) Nonce: 84 Position In Block: 29					
⊙ Input Data:	$0x6080604052601260025f6101000a81548160ff021916908360ff16021790555034801561002a575f5ffd5b50604051611a8e380380611a8e83398\\1810160405281019061004c91906102cd565b825f908161005a919061055c565b50816001908161006a919061055c565b5060025f9054906101000a\\900460ff1660ff16600a6100899190610787565b8161009491906107d1565b60038190555060035460045f3373fffffffffffffffffffffffffffffffff$					
	View Input As ✓					
More Details:	— Click to show less					

Now you can see all the details of the transactions on a blockchain explorer

### \* Observations

- 1. The transaction was successfully found on the Bitcoin blockchain using the provided TXID, showing full details such as sender/receiver addresses, amount transferred, and transaction fee.
- 2. The explorer displayed confirmation status, block number, and timestamp, confirming the transaction's inclusion in the blockchain.
- 3. Inputs and outputs were clearly listed, showing how Bitcoin was spent from one address and sent to one or more recipients.

### **ASSESSMENT**

Rubrics	Full Mark	Marks Obtained	Remarks
Concept	10		
Planning and Execution/	10		
Practical Simulation/ Programming			
Result and Interpretation	10		
Record of Applied and Action Learning	10		
Viva	10		
Total	50		

Signature of the Student:

Name:

Regn. No.:

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