



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 Experiment :** Explore the Chain – Using a Blockchain Explorer

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

#### **ALGORITHM:**

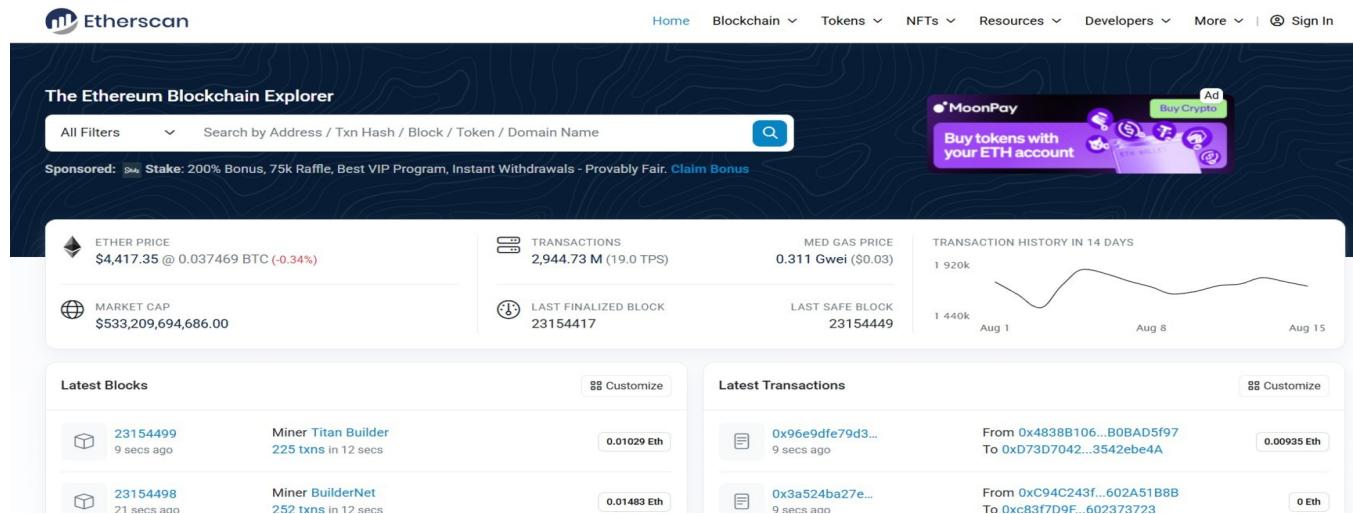
- 1.Start
- 2.Open your web browser and search for explorer.stacks.co
- 3.Copy the transaction ID or wallet address you want to explore
- 4.Paste it in the explorer's search bar and press Enter
- 5.Note the transaction details — sender, receiver, amount, fee, block height, timestamp, and status
- 6.Open the smart contract address (if available) to view its code and functions
- 7.End

### \* **Software used**

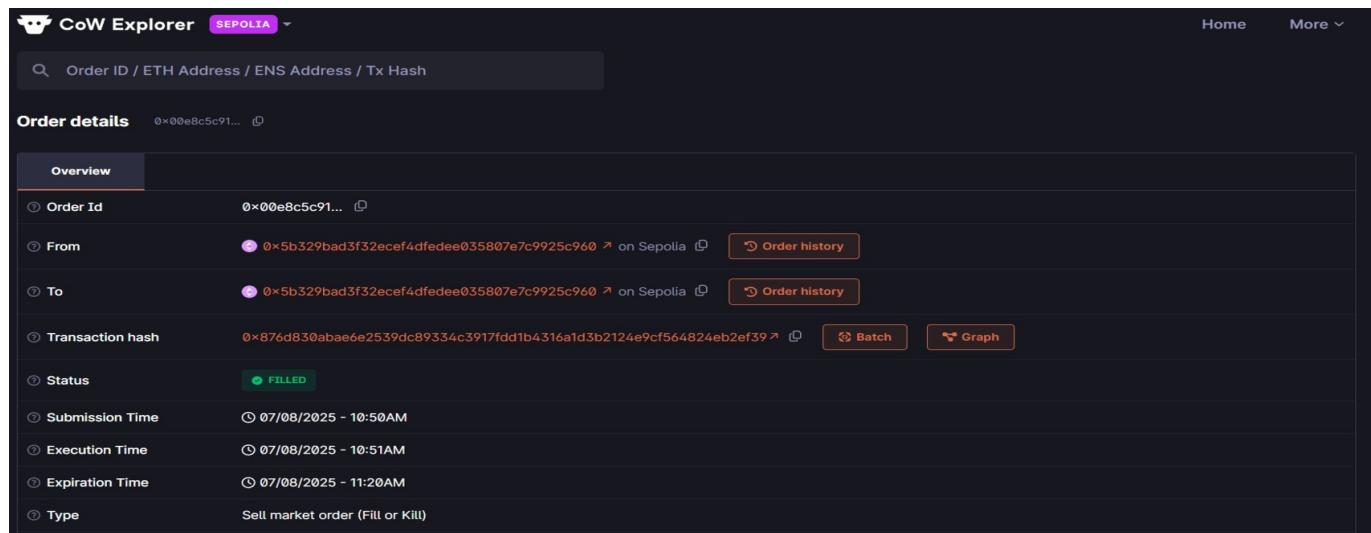
- 1,Web Browser
- 2.Blockchain explorer website

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

Open a blockchain explorer website like here I used ethaerscan.io



Go to your transaction hash and copy the hash



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

Applied and Action Learning

Now you can see all the details of your transaction done using your wallet

The screenshot shows a transaction details page from Etherscan. The transaction hash is 0x876d830abae6e2539dc89334c3917fd1b4316a1d3b2124e9cf564824eb2ef39. It was successful, with 67415 block confirmations at block 8930301, timestamped 9 days ago (Aug-07-2025 05:21:12 AM UTC). The transaction originated from 0xE40CbcA4d703642778b40e1E866EbFEC1e619872 and interacted with 0x9008D19f58AAab9eDD60971565AB510560ab41. There were no internal transactions.

## \* Observations

We successfully explored blockchain data using the Stacks Explorer and understood how transactions, blocks, and contracts are verified and stored on-chain.

## ASSESSMENT

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

**Signature of the Student:**

Name :

Regn. No. :

Page No.....

**Signature of the Faculty:**

\*As applicable according to the experiment.  
Two sheets per experiment (10-20) to be used.