



Centurion  
UNIVERSITY  
*Shaping Lives...  
Empowering Communities...*

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:

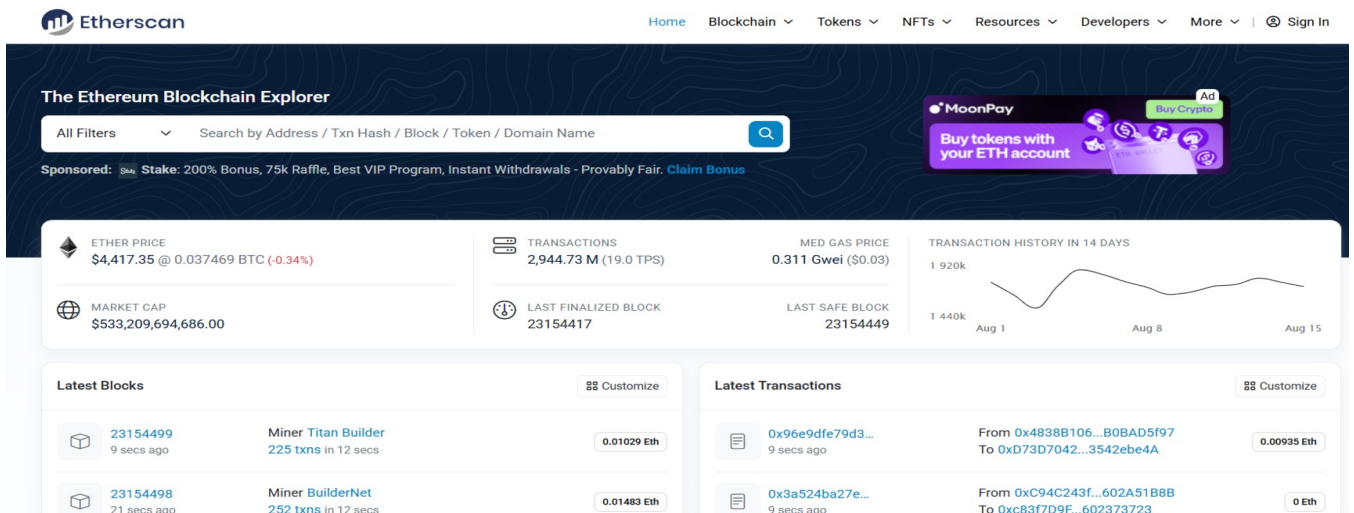
- 1.Start
- 2.Open your brave browser and search for etherscan.io
- 3.Now copy transaction hash from your order details and paste it in the search bar to view details
- 4.Note the transaction info – sender, receiver, amount, fee, block number, status
- 5.Open smart contract address to view code and functions.
- 6.End

### \* Software used

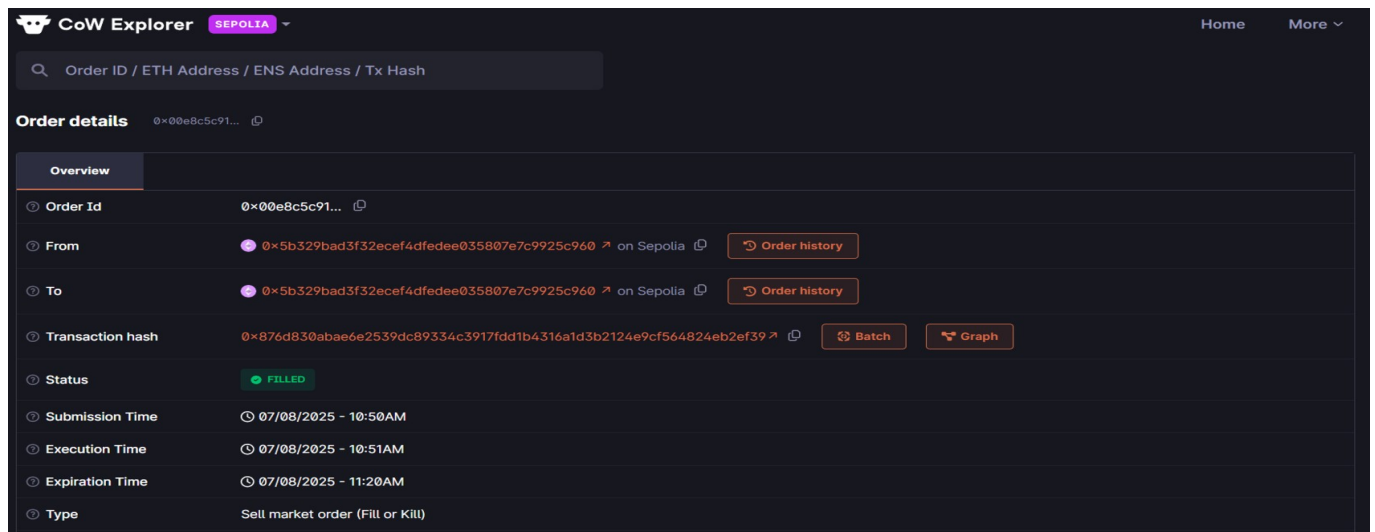
- 1.Brave browser
- 2.Blockchain explorer website

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

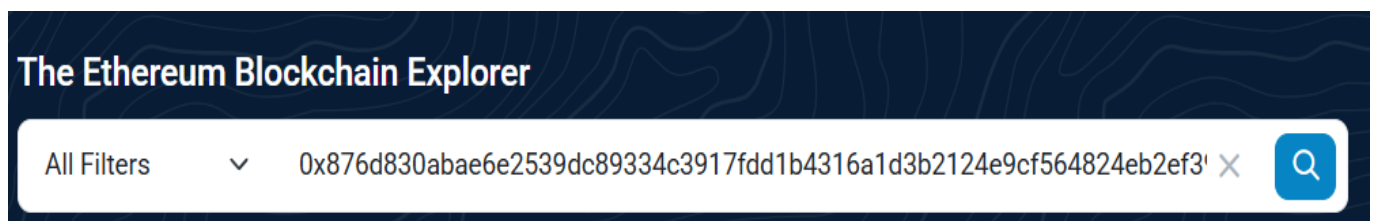
Open a blockchain explorer website like here I used ethaerscan.io



Go to your transaction hash and copy the hash



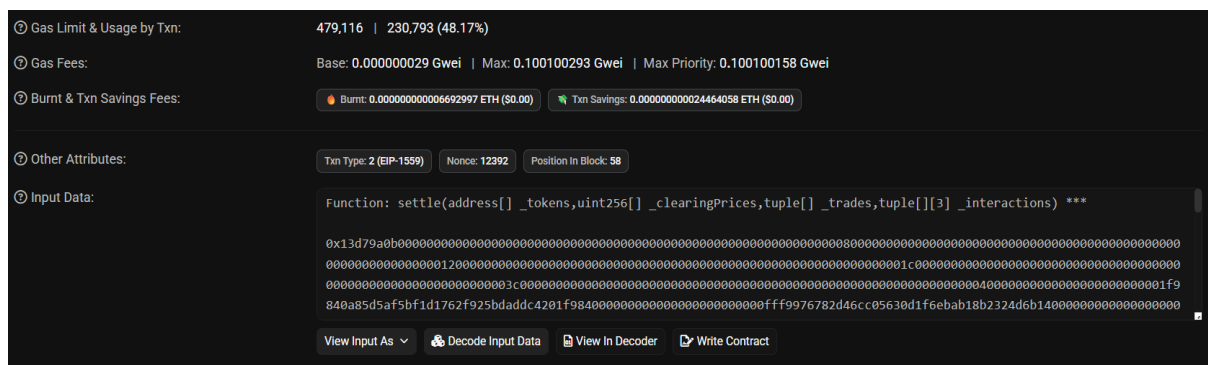
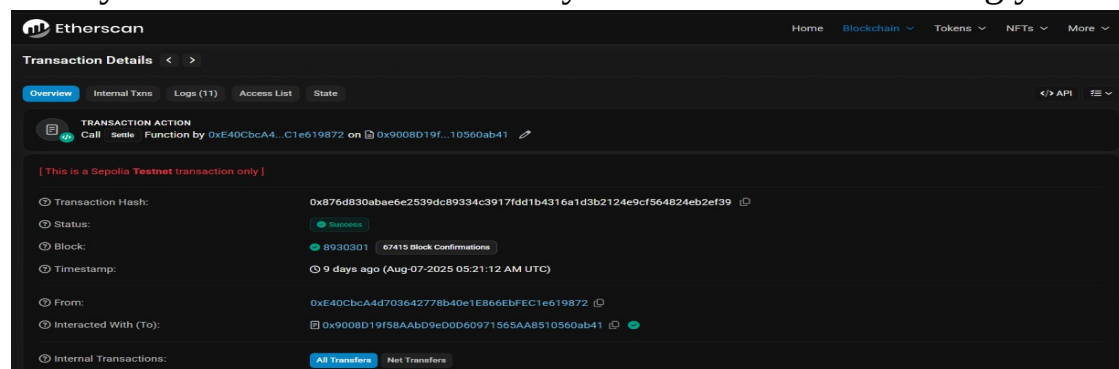
Paste the transaction hash in the search bar



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

## Applied and Action Learning

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



## \* Observations

1.A blockchain explorer allows viewing of transactions, blocks, wallet balances, and confirmations in a transparent and immutable way.

2.It highlights the decentralized nature of blockchain where all activities are publicly verifiable but user identities remain pseudonymous.

## 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. :**

**Signature of the Faculty:**

Page No.....

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