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Applied and Action Learning
(Learning by Doing and Discovery)

Name of the Experiement : Know Your TX – Dissecting a Transaction

Objective/Aim:

To understand how to trace, view, and analyze Ethereum transactions using a wallet address on **Etherscan**, the most commonly used Ethereum blockchain explorer.
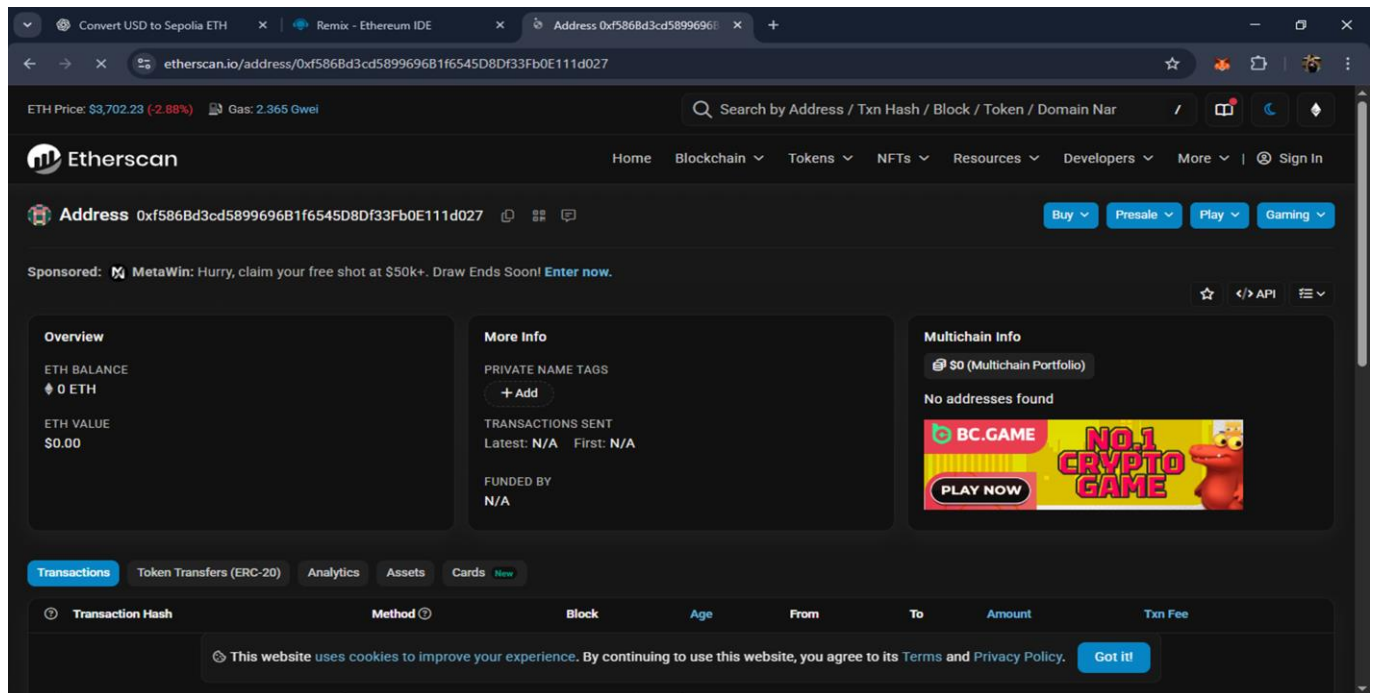
Apparatus/Software Used:

- Laptop/PC
- Word for documentation
- Internet for research
- Chrome Browser
- https://etherscan.io

Theory/Concept:

- Every transaction on the Ethereum network is publicly recorded and accessible.

- **Etherscan** allows users to view:

  - ETH balance of a wallet.
  - Incoming/outgoing transactions.
  - Contract creation and interaction details.
  - Gas usage and fees.
  - Transaction history by address or hash.

Procedure:

- **Copy the Ethereum wallet address** (as seen: `0xf5868d3cd...111d027`).

- Go to https://etherscan.io.

- **Paste the address in the search bar** and press Enter.

- The page shows:

  - Wallet **ETH Balance** (e.g., `0 ETH`, `$0.00`).
  - Transaction history (currently **none** as shown).
  - Options to view **token transfers**, **analytics**, **assets**, etc.

- When there are transactions:

  - You will see the **Transaction Hash**, **Method (e.g., Transfer, Contract Call)**, **Block**, **From**, **To**, **Amount**, and **Txn Fee**.

Observation Table

Parameter	Observed Value
Wallet Address	`0xf5868d3cd5899696B1f6545D8Df33Fb0E111d027`
ETH Balance	0 ETH
ETH Value (USD)	$0.00
Transactions Sent	N/A
Transaction History	No transactions recorded yet
Network Used	Ethereum Mainnet (inferred from etherscan.io)

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		
Total	**50**		

Signature of the Student:

Signature of the Faculty:

Name :
Regn.No.