



Centurion
UNIVERSITY
Established 1972
An Institute of Higher Education

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 : Try DeFi – Using Uniswap or Aave Testnets Steps

* Coding Phase: Pseudo Code / Flow Chart / Algorithm

Swap ETH to DAI (Decentralized Way):

1. Go to a DeFi DEX like:
 - o <https://app.uniswap.org>
 - o <https://app.sushi.com>
2. Connect Wallet
 - o Click “Connect Wallet” → Choose **MetaMask** → Select account.
3. Select Tokens
 - o From: ETH
 - o To: DAI (search DAI if not shown)
4. Enter Amount
 - o Type how much ETH to swap (leave gas fees in wallet).
5. Review & Swap
 - o Click **Swap**, then confirm the transaction in MetaMask.

Add DAI Token to MetaMask:

After the swap, if DAI doesn't show:

1. Open MetaMask → Assets tab
2. Scroll down → Click “Import Tokens”
3. Search “DAI” or manually paste contract:
Mainnet DAI Contract:
0x6B175474E89094C44Da98b954EedeAC495271d0F
4. Click **Next** → **Add Tokens**

Software used

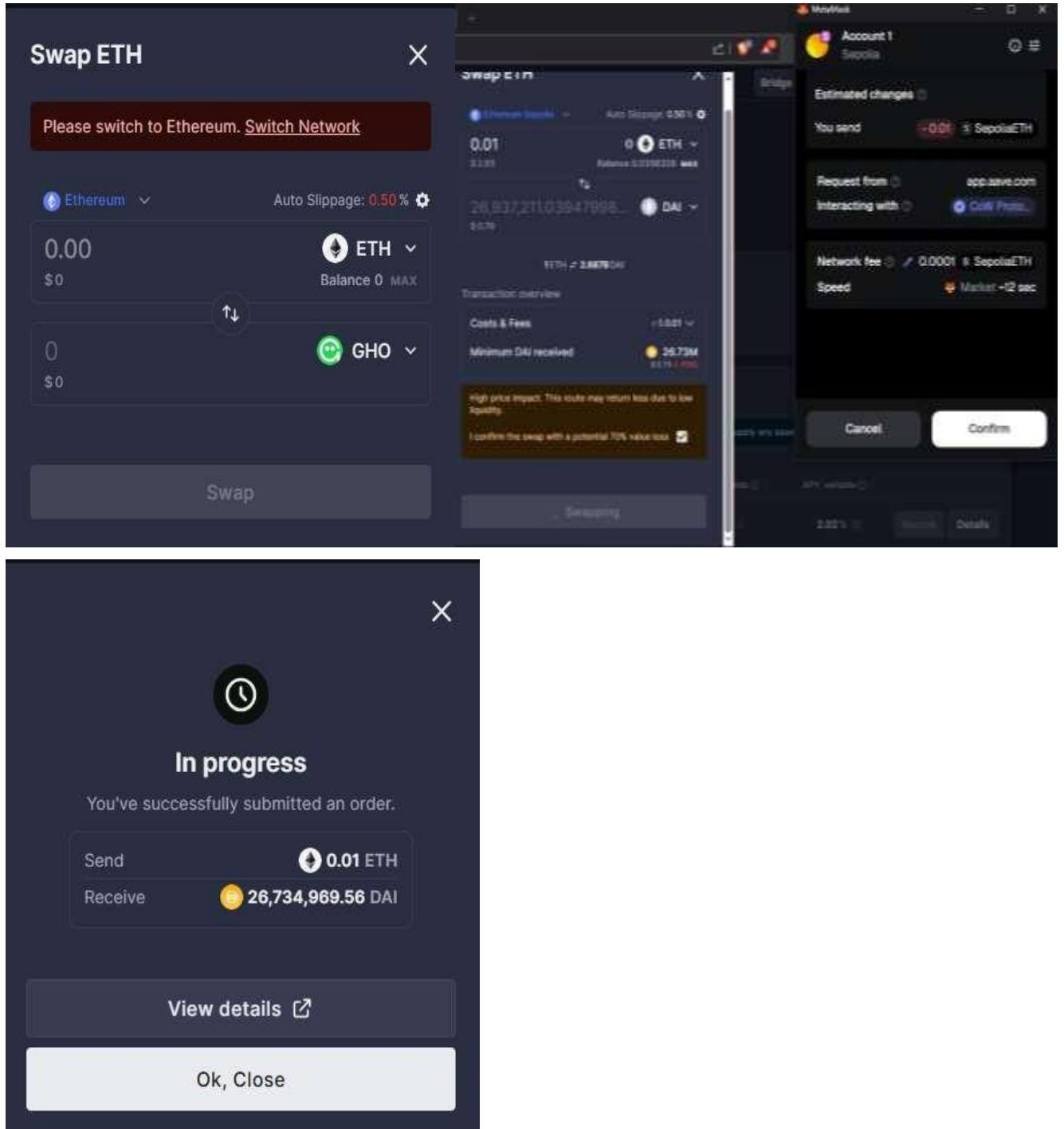
1. <https://sepolia.etherscan.io/token/0x259b83ef7232c75604488c712e4d27bcbe5281b2>
2. Remix IDE.
3. MS Word.
4. Brave for researching.

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according to the experiment.
per experiment (10-20) to be used.

* Implementation Phase: Final Output (no error)

- Firstly swap Ethereum to DAI



* Implementation Phase: Final Output (no error)

2. Then go for add token

The screenshot shows the Etherscan interface for the MyToken (ASHU) token. The token details include a total supply of 1,000,000 ASHU, 1 holder, and 1 total transfer. Below this, three screenshots illustrate the token import process:

- Step 1: Import tokens - Custom token**
A modal window titled "Import tokens" shows the "Custom token" section. It includes fields for "Token contract address" (0xacc0d8d6fb35cFe5C200E63880b), "Token symbol" (ASHU), and "Token decimal" (18). A warning message at the top reads "scams and security risks". Buttons for "Next" and "Back" are visible.
- Step 2: Import tokens - Confirmation**
The next step shows a confirmation dialog asking "Would you like to import this token?". It lists the token details: "MyToken" and "1000000 ASHU". Buttons for "Back" and "Import" are present.
- Step 3: MetaMask wallet interface**
The MetaMask interface shows the imported token. The balance is 0.0097 SepoliaETH. A success message at the bottom states "Token imported You've successfully imported MAMA".

*Observations:

- Swapping ETH to DAI requires connecting a wallet and confirming the transaction on a DEX like Uniswap.
- The transaction updates on-chain after confirmation, reflecting the converted DAI balance.
- If DAI isn't visible in MetaMask, it must be manually added using its token contract address.

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:

Name :

Signature of the Faculty:

Regn. No. :

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*according to
per experiment
used.*