	School: .... Campus: ....
Centurion UNIVERSITY	Academic Year: .... Subject Name: .... Subject Code: ....
	Semester: .... Program: .... Branch: .... Specialization: ....
	Date: ....

Applied and Action Learning
(Learning by Doing and Discovery)

Name of the Experiement : Try DeFi – Using Uniswap or Aave TestnetsSteps

* 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:
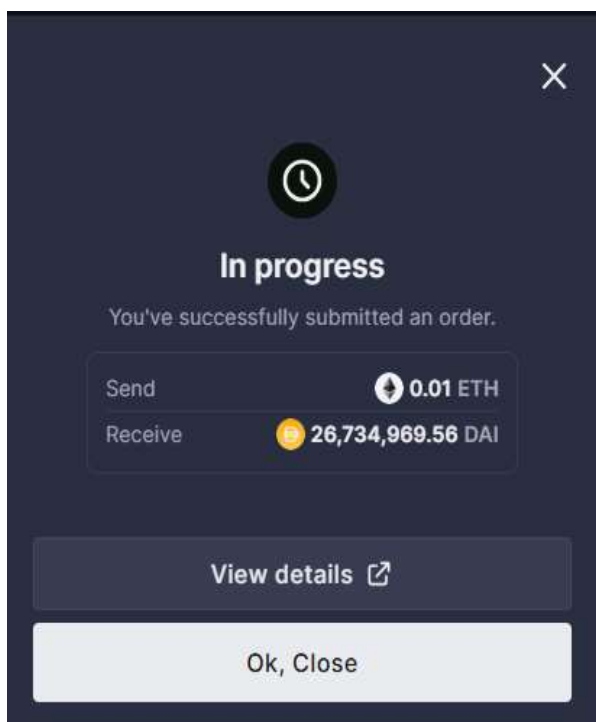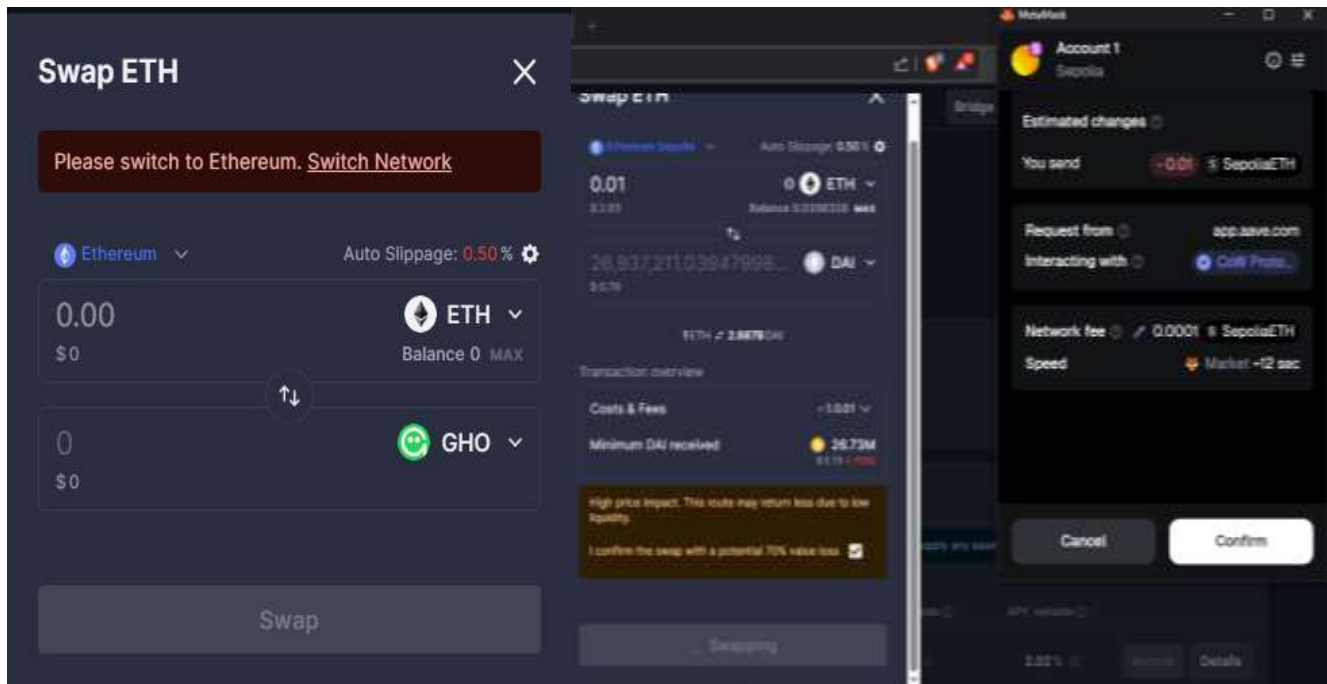   0x6B175474E89094C44Da98b954EedeAC495271d0F
4. Click **Next → Add Tokens**

Software used

1. https://sepolia.etherscan.io/token/0x259b83ef7232c75604488
   c712e4d27bcbe5281b2
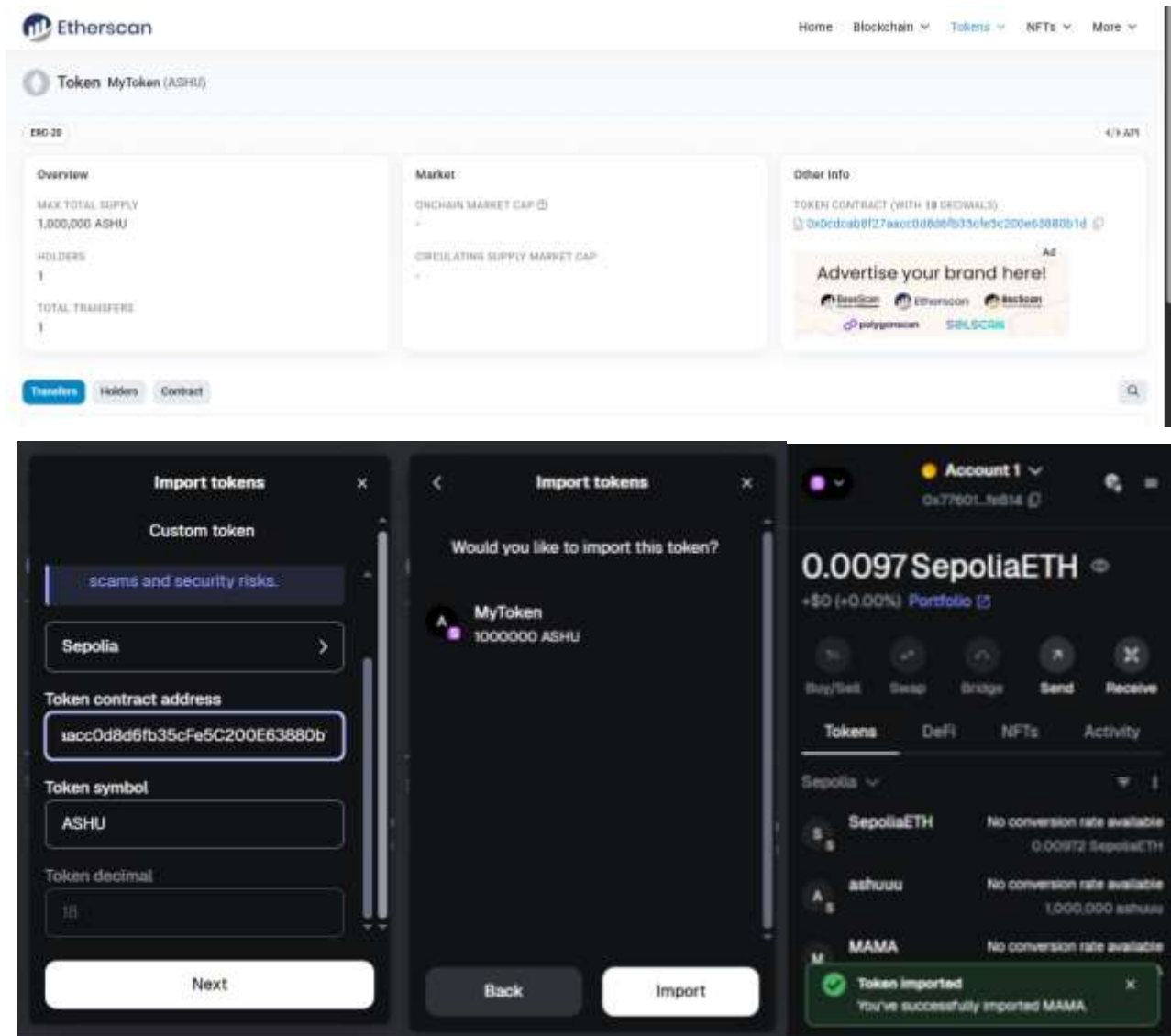2. Remix IDE.
3. MS Word.
4. Brave for researching.

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

1. Firstly swap Ethereum to DAI

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

2. Then go for add token

*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.

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

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 :

Regn. No. :

Signature of the Faculty:

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