School: .... Campus: ....

Academic Year: .... Subject Name: .... Subject Code: ....

Semester: .... Program: .... Branch: .... Specialization: ....

Date: ....

Centurion UNIVERSITY
Shaping Lives...
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Applied and Action Learning
(Learning by Doing and Discovery)

Name of the Experiement : Wallet Walkthrough – Hands-on Wallet Setup

Objective/Aim:

To learn how to create and use a cryptocurrency wallet, understand the importance of private keys, public addresses, and safely manage digital assets.

Apparatus/Software Used:

Laptop/Pc
MetaMask wallet
Browser Extension
Internet

Theory/Concept:

What is a Crypto Wallet?

- A digital tool to store, send, and receive cryptocurrency.
- Wallets store private keys (for access) and public addresses (for receiving crypto).

Types of Wallets:

- Hot Wallet: Connected to internet (e.g., MetaMask, Trust Wallet).
- Cold Wallet: Offline storage (e.g., hardware wallets).

Key Terms:

- Seed Phrase: Backup recovery phrase for wallet access.
- Public Key/Address: Shareable for receiving crypto.
- Private Key: Must be kept secret to control wallet funds.

Procedure:

- Install MetaMask browser extension or mobile app.

- Click "Create a New Wallet" and set a strong password.

- Securely write down the Seed Phrase and store it safely.

- After setup, access the public address to receive crypto.

- Explore options like sending, receiving, and viewing transaction history.
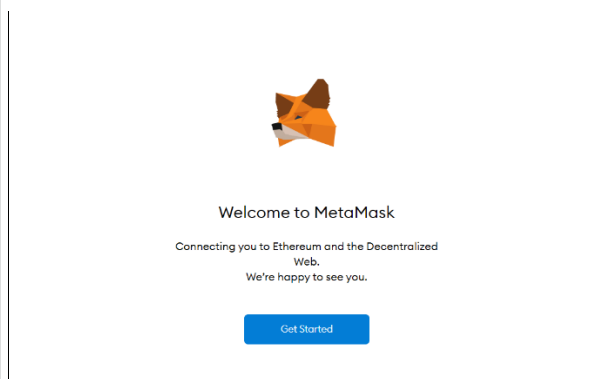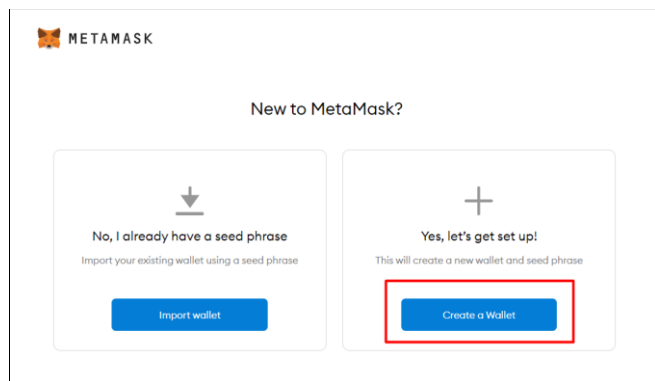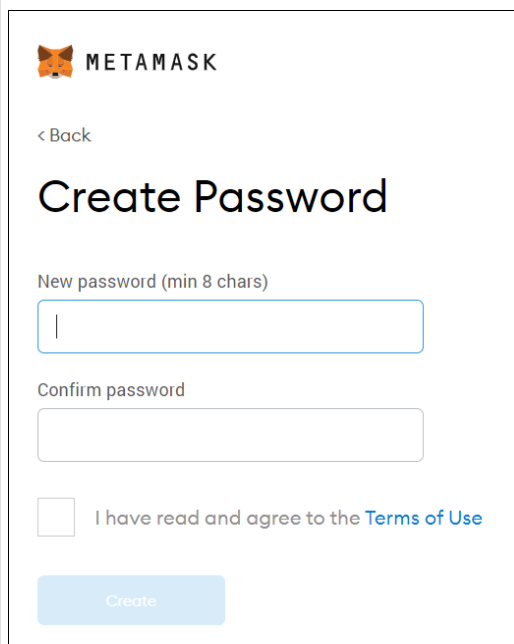

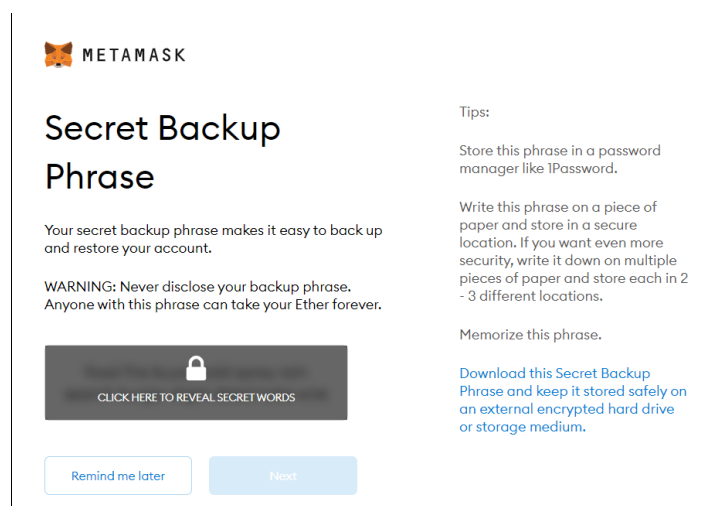Fig: - 1 Get started

Fig: -2 create wallet
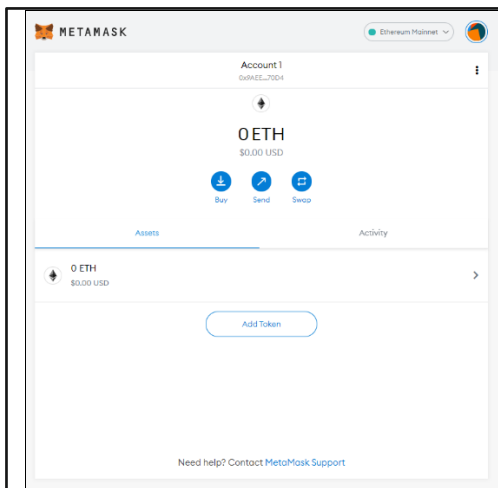

Fig: -3 password

Fig: -4 secret phase

Fig:-wallet

Observation

- Wallet Installation   MetaMask installed successfully
- Wallet Creation New wallet address generated
- Seed Phrase Noted 12-word backup phrase securely stored
- Sending/Receiving Test Transaction visible on blockchain explorer
- Test net Usage   Successful test transaction with no real money

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**		