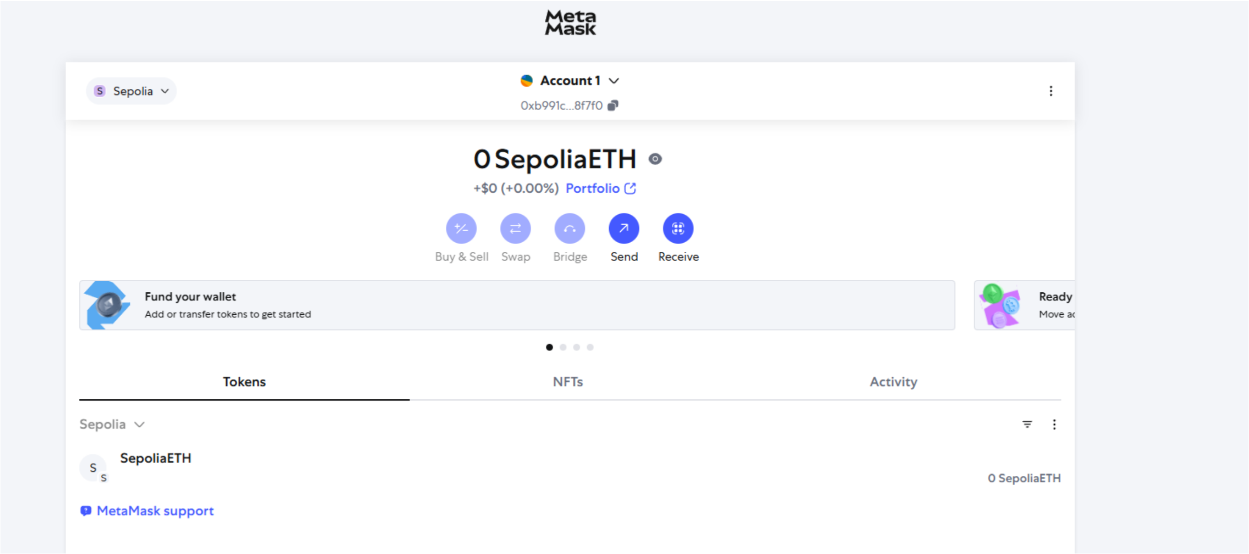
Pintero, Adrian Joriz G.

NW-301

Task 1:



Sepolia

Account 1

0xb991c...8f7f0

0 SepoliaETH

+$0 (+0.00%) Portfolio

Fund your wallet

Add or transfer tokens to get started

Ready

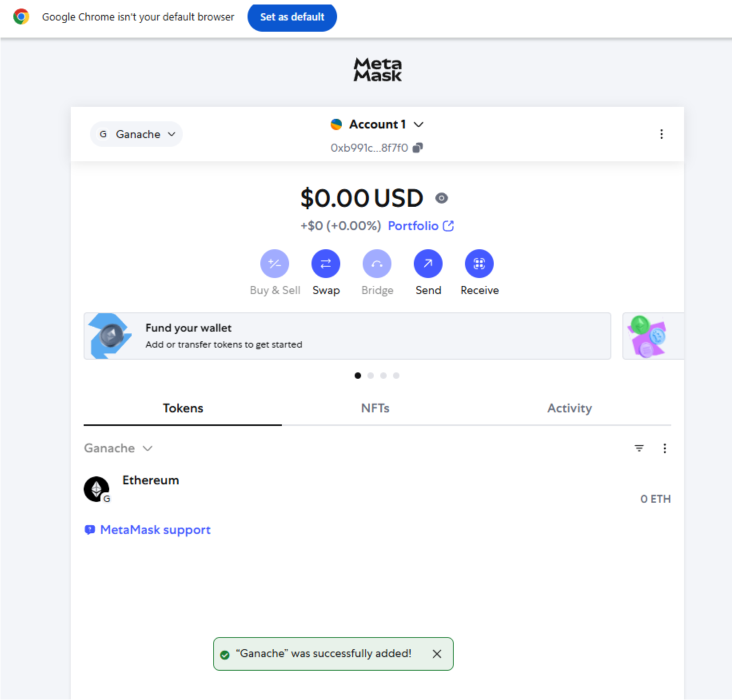
Move ac

Sepolia

SepoliaETH

0 SepoliaETH

Task 2:



Google Chrome isn't your default browser

Ganache

Account 1

0xb991c...8f7f0

$0.00 USD

+$0 (+0.00%) Portfolio

Fund your wallet

Add or transfer tokens to get started

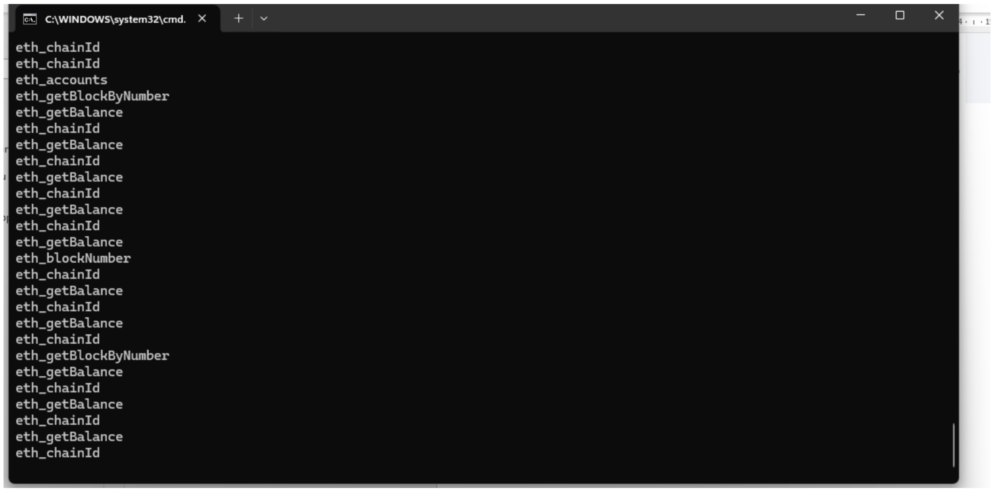
Ganache

Ethereum

0 ETH

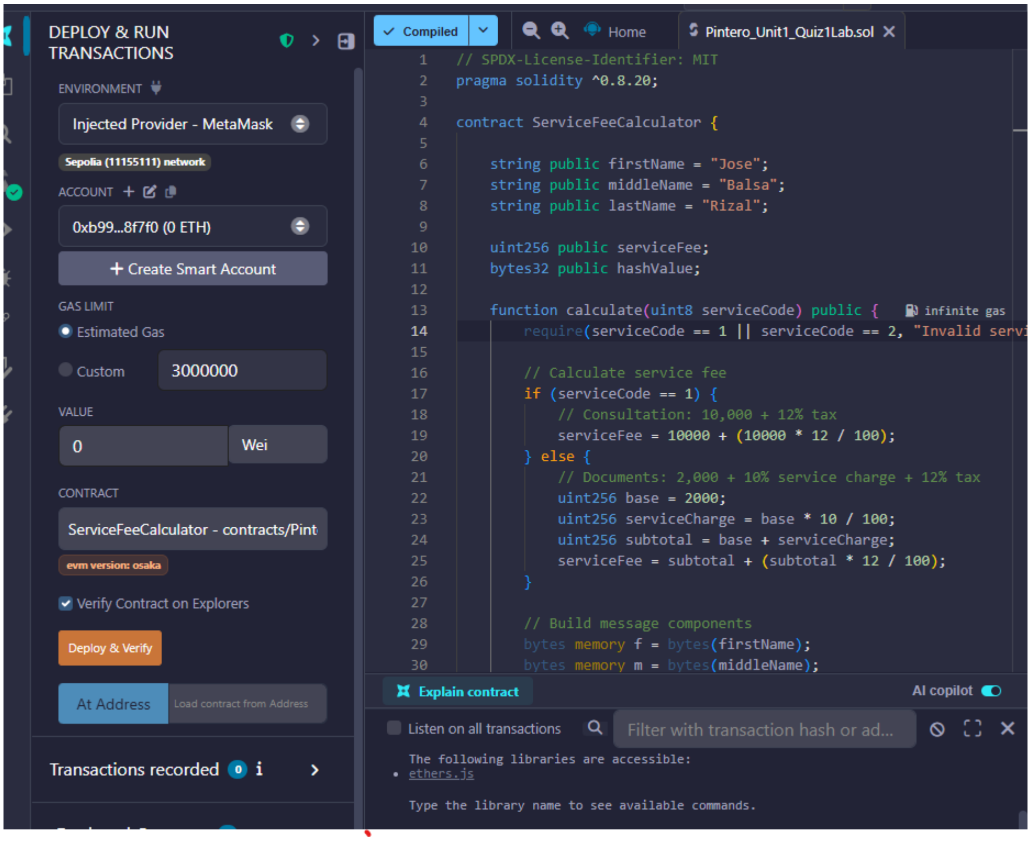
"Ganache" was successfully added!

Task 3 (Running Ganache)



```
eth_chainId
eth_chainId
eth_accounts
eth_getBlockByNumber
eth_getBalance
eth_chainId
eth_getBalance
eth_chainId
eth_getBalance
eth_chainId
eth_getBalance
eth_chainId
eth_getBalance
eth_blockNumber
eth_chainId
eth_getBalance
eth_chainId
eth_getBalance
eth_chainId
eth_getBlockByNumber
eth_getBalance
eth_chainId
eth_getBalance
eth_chainId
eth_getBalance
eth_chainId
```

Task 4 (Remix Deployment):


DEPLOY & RUN TRANSACTIONS
Compiled
Home
Pintero_Unit1_Quiz1Lab.sol
infinite gas
Explain contract
AI copilot
Deploy & Verify
At Address
Load contract from Address

ENVIRONMENT: Injected Provider - MetaMask

Sepolia (11155111) network

ACCOUNT: 0xb99...8f7f0 (0 ETH)

+ Create Smart Account

GAS LIMIT

● Estimated Gas

○ Custom 3000000

VALUE: 0 Wei

CONTRACT: ServiceFeeCalculator - contracts/Pint

evm version: osaka

☑ Verify Contract on Explorers

Transactions recorded 0

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.20;

contract ServiceFeeCalculator {

    string public firstName = "Jose";
    string public middleName = "Balsa";
    string public lastName = "Rizal";

    uint256 public serviceFee;
    bytes32 public hashValue;

    function calculate(uint8 serviceCode) public {
        require(serviceCode == 1 || serviceCode == 2, "Invalid servi

        // Calculate service fee
        if (serviceCode == 1) {
            // Consultation: 10,000 + 12% tax
            serviceFee = 10000 + (10000 * 12 / 100);
        } else {
            // Documents: 2,000 + 10% service charge + 12% tax
            uint256 base = 2000;
            uint256 serviceCharge = base * 10 / 100;
            uint256 subtotal = base + serviceCharge;
            serviceFee = subtotal + (subtotal * 12 / 100);
        }

        // Build message components
        bytes memory f = bytes(firstName);
        bytes memory m = bytes(middleName);
```

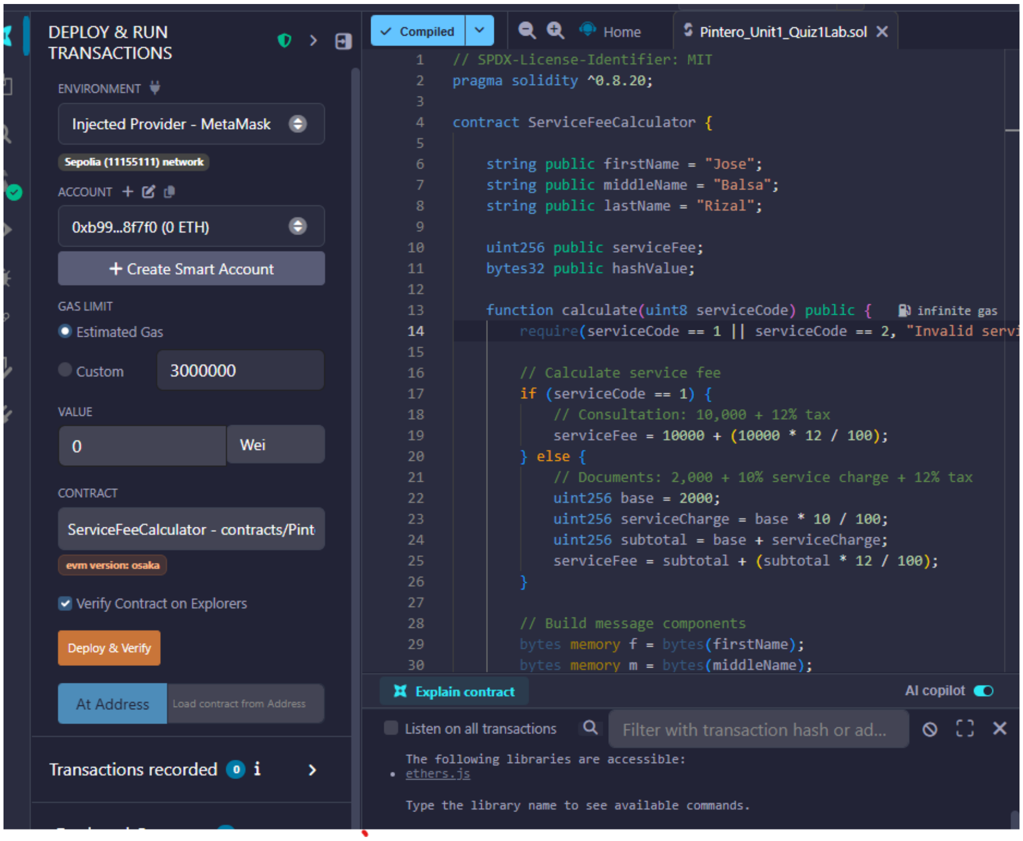
□ Listen on all transactions

Filter with transaction hash or ad...

```
The following libraries are accessible:
• ethers.js

Type the library name to see available commands.
```

Task 5 Deployment:



DEPLOY & RUN TRANSACTIONS

ENVIRONMENT: Injected Provider - MetaMask

Sepolia (11155111) network

ACCOUNT: 0xb99...8f7f0 (0 ETH)

+ Create Smart Account

GAS LIMIT

● Estimated Gas

○ Custom 3000000

VALUE: 0 Wei

CONTRACT: ServiceFeeCalculator - contracts/Pint

evm version: osaka

☑ Verify Contract on Explorers

Deploy & Verify

At Address | Load contract from Address

Transactions recorded 0

Compiled | Home | Pintero_Unit1_Quiz1Lab.sol

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Explain contract | AI copilot

□ Listen on all transactions | Filter with transaction hash or ad...

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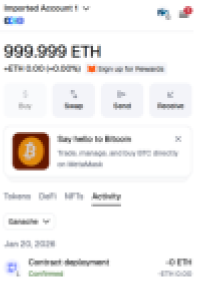

Imported Account 1

999.999 ETH

+ETH 0.00 (+0.00%) Sign up for Rewards

Say hello to Bitcoin

Trade, manage, and buy BTC directly on MetaMask

Jan 20, 2026

Contract deployment — Confirmed — -0 ETH