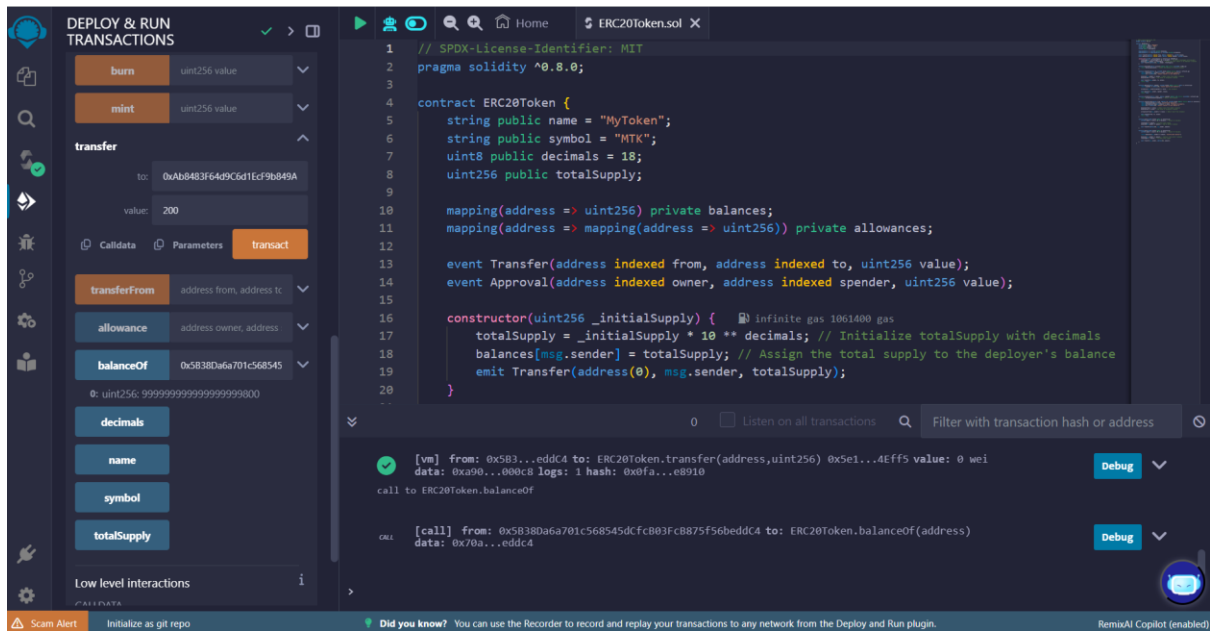
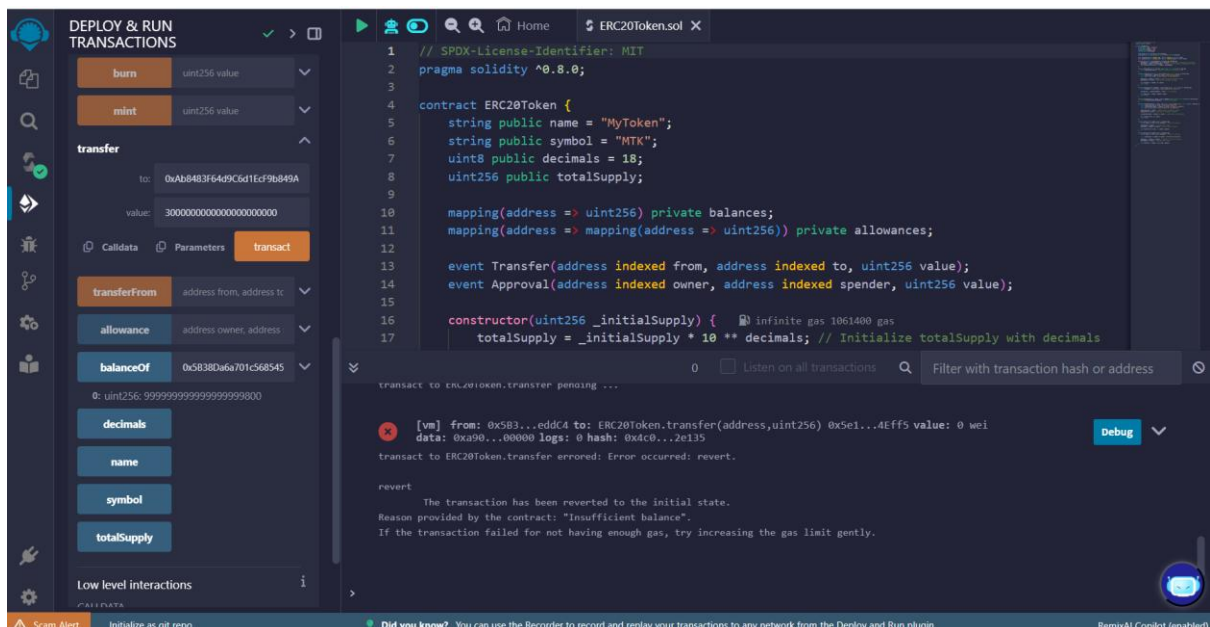


Transfer 200



Test Case 1: Insufficient Balance: Attempt transfers exceeding balance

Attempting to transfer 3000000000000000000000 and balance remains unchanged



Test 2 : Allowance Exceeded: Spend more than the approved allowance

The screenshot shows the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel is active, displaying the 'transferfrom' function with the following parameters: from: 0xab8483f64d9c6d1ecf9b849a, to: 0x4b20993bc481177ec7e8f571ceCaE8A9e22C02db, and value: 2000000000000000000. The 'transfer' function is also visible with a value of 3000000000000000000. The main editor shows the Solidity code for the ERC20Token contract. The console on the right displays a transaction hash and a revert message: 'The transaction has been reverted to the initial state. Reason provided by the contract: "Insufficient balance". If the transaction failed for not having enough gas, try increasing the gas limit gently.'

Test 3 : Mint and Burn: Verify changes in supply and balances

Minting

The screenshot shows the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel is active, displaying the 'mint' function with the following parameters: value: 1000000000000000000. The 'transfer' function is also visible with a value of 1000000000000000000. The main editor shows the Solidity code for the ERC20Token contract. The console on the right displays three successful calls to the ERC20Token.balanceOf function, each returning a value of 1000000000000000000. The bottom status bar indicates 'Scam Alert' and 'Did you know? You can use the Recorder to record and replay your transactions to any network from the Deploy and Run plugin.'

Burning

[illegible]