// Connect to Ethereum network

const web3 = new Web3(Web3.givenProvider || "http://localhost:8545");

// ABI (Application Binary Interface) of your smart contract

const abi = [

// Include ABI of your contract functions

];

// Address of your deployed smart contract

const address = '0x123456789...'; // Replace with your contract address

// Create contract instance

const contract = new web3.eth.Contract(abi, address);

// Function to deposit funds into the smart contract

function deposit() {

const amount = document.getElementById("inputAmount").value;

// Convert amount to Wei (1 Ether = 10^18 Wei)

const amountWei = web3.utils.toWei(amount, 'ether');

// Send transaction to smart contract

contract.methods.deposit().send({ from: web3.eth.defaultAccount, value: amountWei })

.on('transactionHash', function(hash){

console.log('Transaction Hash:', hash);

})

.on('confirmation', function(confirmationNumber, receipt){

console.log('Confirmation Number:', confirmationNumber);

console.log('Receipt:', receipt);

document.getElementById("output").innerText = 'Transaction confirmed!';

})

.on('error', function(error){

console.error('Error:', error);

document.getElementById("output").innerText = 'Error: ' + error.message;

});

}