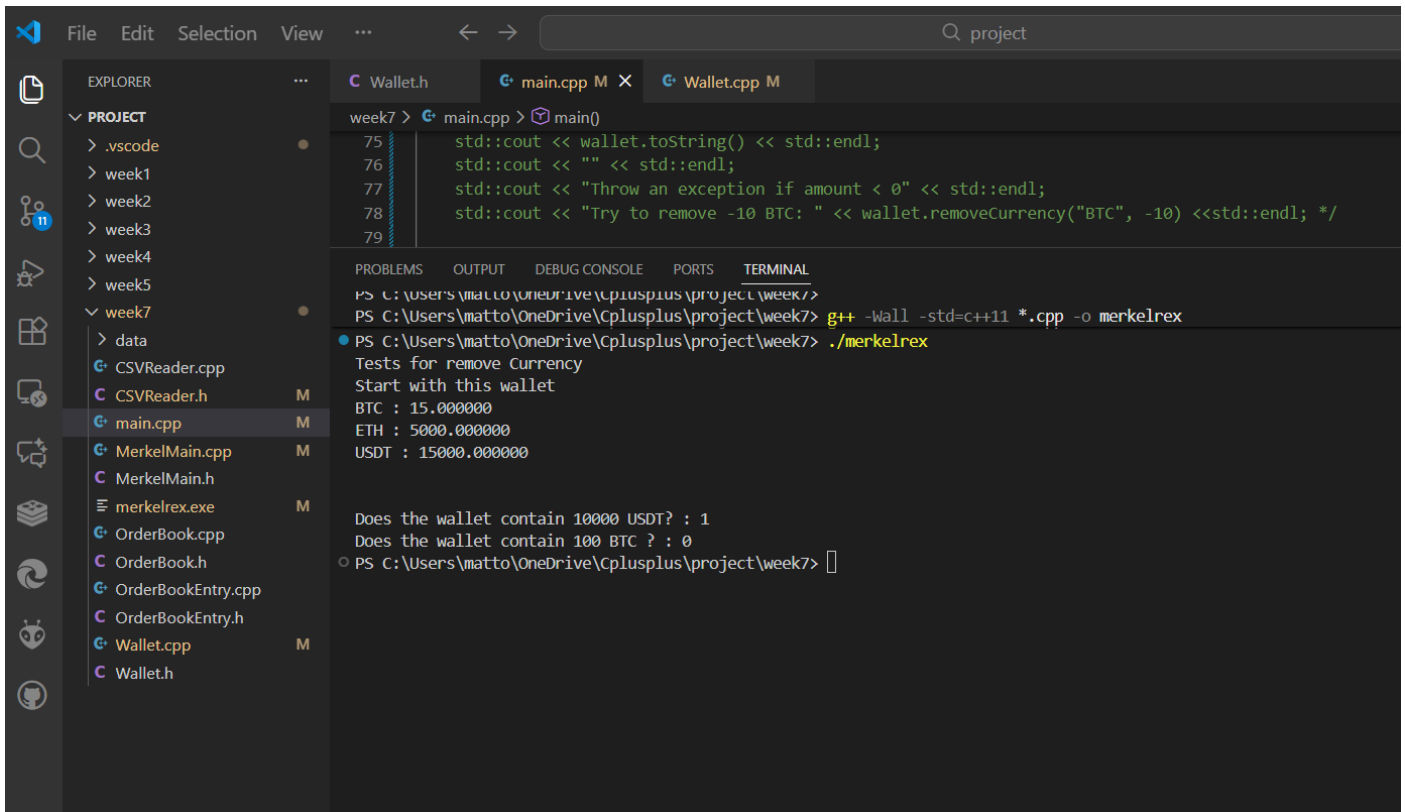


Tests fort contains currency

1. Screen shot of terminal output of tests



The screenshot shows the VS Code interface with the Explorer panel on the left displaying the project structure. The main editor shows the `main.cpp` file with the following code:

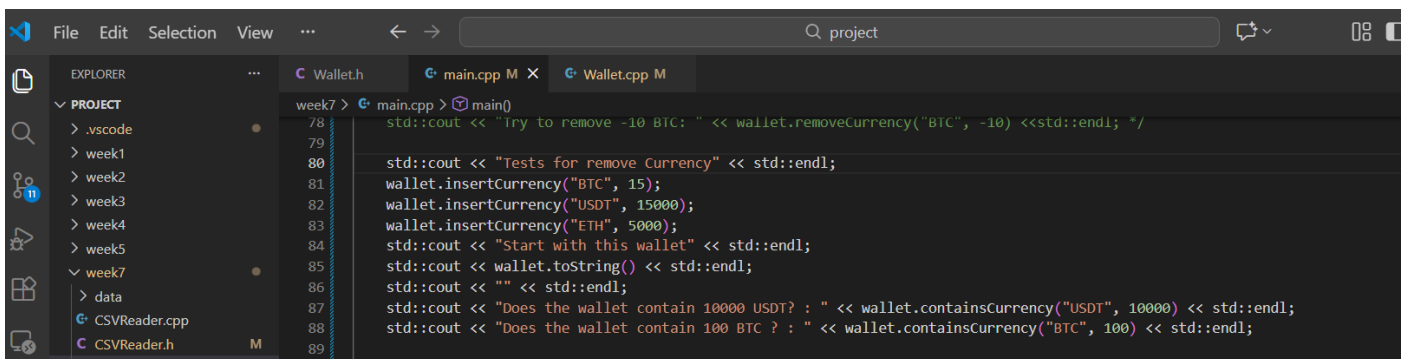
```
75 std::cout << wallet.toString() << std::endl;
76 std::cout << "" << std::endl;
77 std::cout << "Throw an exception if amount < 0" << std::endl;
78 std::cout << "Try to remove -10 BTC: " << wallet.removeCurrency("BTC", -10) << std::endl; */
79
```

The TERMINAL panel at the bottom shows the following output:

```
PS C:\Users\matto\OneDrive\Cplusplus\project\week7> g++ -Wall -std=c++11 *.cpp -o merkelrex
PS C:\Users\matto\OneDrive\Cplusplus\project\week7> ./merkelrex
Tests for remove Currency
Start with this wallet
BTC : 15.000000
ETH : 5000.000000
USDT : 15000.000000

Does the wallet contain 10000 USDT? : 1
Does the wallet contain 100 BTC ? : 0
PS C:\Users\matto\OneDrive\Cplusplus\project\week7>
```

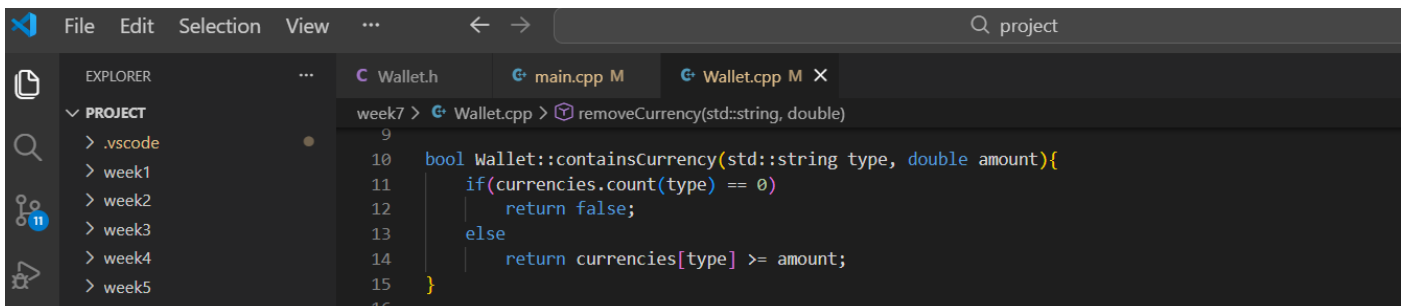
2. Test script in main() function



The screenshot shows the VS Code interface with the Explorer panel on the left displaying the project structure. The main editor shows the `main.cpp` file with the following code:

```
78 std::cout << "Try to remove -10 BTC: " << wallet.removeCurrency("BTC", -10) << std::endl; */
79
80 std::cout << "Tests for remove Currency" << std::endl;
81 wallet.insertCurrency("BTC", 15);
82 wallet.insertCurrency("USDT", 15000);
83 wallet.insertCurrency("ETH", 5000);
84 std::cout << "Start with this wallet" << std::endl;
85 std::cout << wallet.toString() << std::endl;
86 std::cout << "" << std::endl;
87 std::cout << "Does the wallet contain 10000 USDT? : " << wallet.containsCurrency("USDT", 10000) << std::endl;
88 std::cout << "Does the wallet contain 100 BTC ? : " << wallet.containsCurrency("BTC", 100) << std::endl;
89
```

3. Screen shot of containsCurrency() function from Wallet class



The screenshot shows the VS Code interface with the Explorer panel on the left displaying the project structure. The main editor shows the `Wallet.cpp` file with the following code:

```
9
10 bool Wallet::containsCurrency(std::string type, double amount){
11     if(currencies.count(type) == 0)
12         return false;
13     else
14         return currencies[type] >= amount;
15 }
16
```