

Mid Semester Project

Task: Implement a simple banking system.

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How To Compile & Run

Navigate to the project's directory in the terminal.

Using Make

If you have `make` installed, run the listed commands to compile and run different aspects of the program.

- Run the main program:

```
make
```

- Test the Bank class functionalities:

```
make test-bank
```

- Test the BankAccount class functionalities:

```
make test-bank-account
```

- Test the SavingsAccount class functionalities:

```
make test-savings-account
```

- Test the CheckingsAccount class functionalities:

```
make test-checkings-account
```

Manually in The Terminal

- Run the main program:

```
g++ *.cpp *.h -o main.out  
./main.out
```

- Test the Bank class functionalities:

```
g++ ./Bank* ./CheckingAccount* ./SavingsAccount* ./tests/test_bank.cpp -o ./tests/test_bank  
./tests/test_bank
```

- Test the BankAccount class functionalities:

```
g++ ./BankAccount* ./tests/test_bank_account.cpp -o ./tests/test_bank_account  
./tests/test_bank_account
```

- Test the SavingsAccount class functionalities:

```
g++ ./BankAccount* ./SavingsAccount* ./tests/test_savings_account.cpp -o ./tests/test_savings_account  
./tests/test_savings_account
```

- Test the CheckingsAccount class functionalities:

```
g++ ./BankAccount* ./CheckingAccount* ./tests/test_checkings_account.cpp -o ./tests/test_checkings_account  
./tests/test_checkings_account
```