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Credit Name: Chapter 11

Assignment Name: MySavings

How has your program changed from planning to coding to now? Please explain?

Initially, my program wasn't saving the data to the file as expected. In the planning stage, I didn't fully consider how to manage file storage for the savings data. As I started coding, I realized that the program needed specific methods to handle writing and reading data correctly.

To resolve this, I added writeObject and readObject methods, which allowed the program to save the PiggyBank object to a file and retrieve it when needed. This change was crucial for ensuring that user data was stored properly and could be accessed later without errors.

```
try{
    /*read object */

    //FileInputStrea ....
    //ObjectInputStream readBank ...
    //piggyBank = (PiggyBank) ..STR..STR..STR..STR.

    FileInputStream fileIn = new FileInputStream("../Chapter11/src/Mastery/piggybank.dat");

    ObjectInputStream readBank = new ObjectInputStream(fileIn);

    piggyBank = (PiggyBank) readBank.readObject();

    readBank.close();
```

```
try{
    /*write object */

    //FileOutputStrea ....
    //ObjectOutputStream writeBank...
    //writeBank.writeObject....
    //writeBank...

    FileOutputStream fileOut = new FileOutputStream("../Chapter11/src/Mastery/piggybank.dat");
    ObjectOutputStream writeBank = new ObjectOutputStream(fileOut);

    writeBank.writeObject(piggyBank);

    writeBank.close();
```

By implementing these methods, I improved the functionality of the program, allowing it to save and load data reliably. This project taught me the importance of correctly managing file operations and ensuring data persistence.

