

BANKING APP

TREE SET IMPLEMENTATION

The screenshot displays an IDE environment with the following components:

- Project View:** Shows the project structure for 'bankingapp-with-collection', including the 'src' directory.
- Code Editor:** Displays the 'BankingAppMain.java' file. The code defines an 'AccountService' object using 'AccountServiceLinkedListImpl()'. The code is as follows:

```
AccountService accountService = new AccountServiceLinkedListImpl();
AccountService accountService = new AccountServiceHashSetImpl();
AccountService accountService = new AccountServiceTreeSetImpl();
```
- Run Console:** Shows the execution of the 'BankingAppMain' class. The output includes the Java command and the application's menu-driven logic. The user has interacted with the application, entering '1' to add an account and providing the following details:
 - Account Number: IDFC123
 - Account Holder: Prakash
 - Account Type: Savings
 - Initial Balance: 34000
 - Rate of Interest: 3.4The console confirms 'Account added successfully.'

The screenshot displays an IDE environment with a Java project named "bankingapp-with-collection". The code in "BankingAppMain.java" defines an "AccountService" interface and three implementations: "AccountServiceLinkedListImpl()", "AccountServiceHashSetImpl()", and "AccountServiceTreeSetImpl()". The "Run" console shows the application output, including a menu and user input for account details and choices. The status bar at the bottom indicates the build was completed successfully in 6 seconds.

```
Project > Q Balance: 3 results ↑ ↓ 🔍
```

```
bankingapp-with-collection D:\Training\indium_javabootcamp-batch> 24 // AccountService accountService = new AccountServiceLinkedListImpl();
> jdea 25 // AccountService accountService = new AccountServiceHashSetImpl();
src 26 AccountService accountService = new AccountServiceTreeSetImpl();
```

```
Run BankingAppMain x
```

```
Enter your choice: 2
All Accounts:
Account Number: IDFC123
Account Holder: Prakash
Account Type: Savings
Balance: 34000.0
Rate of Interest: 3.4

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit
Enter your choice: 3
Enter Account Number: IDFC123
Account Number: IDFC123
Account Holder: Prakash
Account Type: Savings
Balance: 34000.0
Rate of Interest: 3.4

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
```

// Build completed successfully in 6 sec, 931 ms (3 minutes ago)

19:50 LF UTF-8 4 spaces

