Poornima Chandrasekaran

1. Creating Accounts

#1	Main Menu	<----------Bank Of Bengaluru: Banking Application using Tree Set---------> Actions: 1. Create Accounts 2. List all Accounts 3. View an Account 4. Update an Account 5. Delete an Account 6. Exit
#2	Entering the number accounts	How many accounts you would like to create? 5

| #3 | Entering account details | ```
Enter the Account ID:
1
Account Holder Name:
Poornima C
Account Type:
Loan
Account Balance:
32.1
Is the Account Active?
false
Enter the Account ID:
2
Account Holder Name:
Saminathan Raju
Account Type:
Salary
Account Balance:
42.4
Is the Account Active?
true
Enter the Account ID:
3
Account Holder Name:
Vihaan Sami
Account Type:
Student
Account Balance:
999.2
Is the Account Active?
false
``` | |

```
Enter the Account ID:
4
Account Holder Name:
Ahaana Saminathan
Account Type:
Student
Account Balance:
992.3
Is the Account Active?
false
Enter the Account ID:
5
Account Holder Name:
Padmini C
Account Type:
SS
Account Balance:
12.32
Is the Account Active?
false
Accounts created successfully, Select an option to proceed
```

#4	Account creation confirmation, and main menu	```Accounts created successfully, Select an option to proceed```

```
Accounts created successfully, Select an option to proceed
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
Actions:
1. Create Accounts
2. List all Accounts
3. View an Account
4. Update an Account
5. Delete an Account
6. Exit
```

#5	Error handled while trying to enter characters for Account Id	

```
Creating Accounts...
Enter the Account ID:
TEst
Invalid input, please enter only numbers!
Enter the Account ID:
```

#6	Error handled while trying to enter characters for Balance	

```
Account Balance:
TEst
Invalid input, please enter only numbers; This field is decimal friendly.!
Account Balance:
```

2. **Listing all accounts**

#1		
| | Listing all the accounts created during the above steps | ```
2
Fetching Accounts...
Account{id=1, name='Poornima C', type='Loan', balance=32.1, active=false}
Account{id=2, name='Saminathan Raju', type='Salary', balance=42.4, active=true}
Account{id=3, name='Vihaan Sami', type='Student', balance=999.2, active=false}
Account{id=4, name='Ahaana Saminathan', type='Student', balance=992.3, active=false}
Account{id=5, name='Padmini C', type='SS', balance=12.32, active=false}
Account{id=6, name='Test', type='Test', balance=88.2, active=true}
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
``` |

3. Viewing an account

| #1 | Entering the proper Account ID | ```
3
 View details of the given Account id...
 Enter the Account ID:
 4
 Account{id=4, name='Ahaana Saminathan', type='Student', balance=992.3, active=false}
``` |
|---|---|---|
| #2 | Entering incorrect Account ID | ```
3
View details of the given Account id...
Enter the Account ID:
22
Account not found!
``` |

4. Updating an account

| #1 | Updating on a valid account Id | ```
Update an Account for a given Account id...
Enter the Account ID:
5
Account Holder Name:
Random Name
Account Type:
Loan
Account Balance:
882.3
Is the Account Active?
true
Account Updated
``` |
|---|---|---|
| #2 | Viewing all the accounts (including the updated one) | ```
Fetching Accounts...
Account{id=1, name='Poornima C', type='Loan', balance=32.1, active=false}
Account{id=2, name='Saminathan Raju', type='Salary', balance=42.4, active=true}
Account{id=3, name='Vihaan Sami', type='Student', balance=999.2, active=false}
Account{id=4, name='Ahaana Saminathan', type='Student', balance=992.3, active=false}
Account{id=5, name='Random Name', type='Loan', balance=882.3, active=true}
Account{id=6, name='Test', type='Test', balance=88.2, active=true}
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
``` |
| #3 | Trying to update an invalid account Id; and getting error | |

```
4
Update an Account for a given Account id...
Enter the Account ID:
882
Account Holder Name:
Test
Account Type:
Test
Account Balance:
22.2
Is the Account Active?
false
Can't Update, no Account found
```

5.   Deleting an account

#1	Trying to delete an invalid account	```Delete an Account for given Account ID... Enter the Account ID to be deleted: 23 Can't Delete, no Account found```
#2	Valid account deletion, and confirmation; Viewing the account to ensure it is gone	

```
Delete an Account for given Account ID...
Enter the Account ID to be deleted:
6
Account Deleted
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
Actions:
1. Create Accounts
2. List all Accounts
3. View an Account
4. Update an Account
5. Delete an Account
6. Exit
2
Fetching Accounts...
Account{id=1, name='Poornima C', type='Loan', balance=32.1, active=false}
Account{id=2, name='Saminathan Raju', type='Salary', balance=42.4, active=true}
Account{id=3, name='Vihaan Sami', type='Student', balance=999.2, active=false}
Account{id=4, name='Ahaana Saminathan', type='Student', balance=992.3, active=false}
Account{id=5, name='Random Name', type='Loan', balance=882.3, active=true}
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
```

6. Exiting from the application

| #1 | Entering proper index to exit the application. Thank you, message appears! | ```6
Thank you for visiting Bank Of Bengaluru. Have a nice day!``` |

7. **Trying to enter something other than the main menu option**

| #1 | Other than the main menu option. This will keep showing the main menu. No other action will be taken | ```
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
Actions:
1. Create Accounts
2. List all Accounts
3. View an Account
4. Update an Account
5. Delete an Account
6. Exit
7
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
Actions:
1. Create Accounts
2. List all Accounts
3. View an Account
4. Update an Account
5. Delete an Account
6. Exit
8
<----------Bank Of Bengaluru: Banking Application using Tree Set--------->
Actions:
1. Create Accounts
2. List all Accounts
3. View an Account
4. Update an Account
5. Delete an Account
6. Exit
``` |
|---|---|---|