

1. Creating Accounts

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

BANK OF BENGALURU: BANKING APPLICATION USING TREE MAP

Poornima Chandrasekaran

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| # 3 | Entering account details | <pre>Creating Accounts... Enter the Account ID: 1 Account Holder Name: Poornima C Account Type: Savings Account Balance: 1239.12 Is the Account Active? False {1=Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false}} Enter the Account ID: 2 Account Holder Name: Sami Raju Account Type: Salary Account Balance: 12.31 Is the Account Active? False {1=Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false}, 2=Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false}} Enter the Account ID: 3 Account Holder Name: Vihaan Sami Account Type: Student Account Balance: Text Invalid input, please enter only numbers; This field is decimal friendly. Account Balance: 12.3 Is the Account Active? False {1=Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false}, 2=Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false}, 3=Account{id=3, name='Vihaan Sami', type='Student', balance=12.3, active=false}}</pre> |
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BANK OF BENGALURU: BANKING APPLICATION USING TREE MAP

Poornima Chandrasekaran

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| | | <pre>Enter the Account ID: five Invalid input, please enter only numbers! Enter the Account ID: 1 Account Holder Name: Poornima Chandrasekaran Account Type: Student Account Balance: 12.3 Is the Account Active? true {1=Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false}, 2=Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false}, 3=Account{id=3, name='Vihaan Sami', type='St Enter the Account ID: 1 Account Holder Name: Poornima Account Type: S Account Balance: 12.3 Invalid input, please enter only numbers; This field is decimal friendly.! Account Balance: 12.321 Is the Account Active? false {1=Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false}, 2=Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false}, 3=Account{id=3, name='Vihaan Sami', type='St Accounts created successfully, Select an option to proceed</pre> |
| #4 | Account creation confirmation, and main menu | <pre>Accounts created successfully, Select an option to proceed <-----Bank Of Bengaluru: Banking Application using Tree Map-----> Actions: 1. Create Accounts 2. List all Accounts 3. View an Account 4. Update an Account 5. Delete an Account 6. Exit</pre> |

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| #5 | Error handled while trying to enter characters for Account Id | <pre> Enter the Account ID: Five Invalid input, please enter only numbers! Enter the Account ID: 4 </pre> |
| #6 | Error handled while trying to enter characters for Balance | <pre> Account Balance: Test Invalid input, please enter only numbers; This field is decimal friendly.! Account Balance: 12.3 </pre> |

2. Listing all accounts

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| #1 | Listing all the accounts created during the above steps | <pre> 2 Fetching Accounts... Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false} Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false} Account{id=3, name='Vihaan Sami', type='Student', balance=12.3, active=false} Account{id=4, name='Ahaana Saminathan', type='Student', balance=12.3, active=true} Account{id=5, name='Vasanthi ', type='SS', balance=12.321, active=false} <-----Bank Of Bengaluru: Banking Application using Tree Map-----> </pre> |
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3. Viewing an account

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| #1 | Entering the proper Account ID | <pre>View details of the given Account id... Enter the Account ID: 5 Account{id=5, name='Vasanthi ', type='SS', balance=12.321, active=false}</pre> |
| #2 | Entering incorrect Account ID | <pre>3 View details of the given Account id... Enter the Account ID: 122 Account not found!</pre> |

4. Updating an account

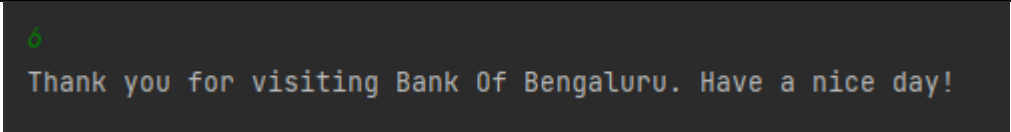
| | | |
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| #1 | Updating on a valid account Id | <pre>Update an Account for a given Account id... Enter the Account ID: 5 Account Holder Name: Vasanthi Raju Account Type: Senior Citizen Account Balance: 111.11 Is the Account Active? true Account{id=5, name='Vasanthi Raju', type='Senior Citizen', balance=111.11, active=true} Account Updated</pre> |
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| #2 | Viewing all the accounts (including the updated one) | <pre> Fetching Accounts... Account{id=1, name='Poornima C', type='Savings', balance=1239.12, active=false} Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false} Account{id=3, name='Vihaan Sami', type='Student', balance=12.3, active=false} Account{id=5, name='Vasanthi Raju', type='Senior Citizen', balance=111.11, active=true} </pre> |
| #3 | Trying to update an invalid account Id; and getting error | <pre> Update an Account for a given Account id... Enter the Account ID: 00 Account Holder Name: Test Account Type: Test Account Balance: 23.2 Is the Account Active? true Can't Update, no Account found </pre> |

5. Deleting an account

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| #1 | Trying to delete an invalid account | <pre> Delete an Account for given Account ID... Enter the Account ID to be deleted: 23 Can't Delete, no Account found </pre> |
| #2 | Valid account deletion, and confirmation; Viewing the account to ensure it is gone | <pre> Delete an Account for given Account ID... Enter the Account ID to be deleted: 4 Account Deleted <-----Bank Of Bengaluru: Banking Application using Tree Map-----> 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='Savings', balance=1239.12, active=false} Account{id=2, name='Sami Raju', type='Salary', balance=12.31, active=false} Account{id=3, name='Vihaan Sami', type='Student', balance=12.3, active=false} Account{id=5, name='Vasanthi Raju', type='Senior Citizen', balance=111.11, active=true} </pre> |

6. Exiting from the application

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| #1 | Entering proper index to exit the application. Thank you, message appears! |  |
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7. Trying to enter something other than the main menu option

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| #1 | Other than the main menu option. This will keep showing the main menu. No other action will be taken | |
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<-----Bank Of Bengaluru: Banking Application using Tree Map----->
Actions:
1. Create Accounts
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7
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