

```
"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent
:C:\Program Files\JetBrains\IntelliJ IDEA Community
Edition 2023.3.3\lib\idea_rt.jar=53929:C:\Program Files
\JetBrains\IntelliJ IDEA Community Edition 2023.3.3\bin
" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -
Dsun.stderr.encoding=UTF-8 -classpath C:\Users\asrar\
IdeaProjects\WSD_Coding_Challenge\out\production\
WSD_Coding_Challenge Main
```

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

1

Select account type

1. Salary Account
2. Savings Account
3. Current Account

1

Enter name: Raiyan Bashir Mahin

Enter account number: 991221

Enter creation date: 31/1/24

Enter account balance: 500

Opening Balance must be at least 1000.

Enter account balance: 1200

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account

7.Search for an account

8.Exit

Enter your choice:

1

Select account type

1. Salary Account

2. Savings Account

3. Current Account

3

Enter name: Rahat Rahman

Enter account number: 991221

Account Number exists! Please use different number

Enter account number: 12345

Enter creation date: 31/1/24

Enter account balance: 5000

Available Choices

1.Create a new Account

2.Display all accounts

3.Update an account

4.Delete an account

5.Deposit an amount into your account

6.Withdraw an amount from your account

7.Search for an account

8.Exit

Enter your choice:

1

Select account type

1. Salary Account

2. Savings Account

3. Current Account

2

Enter name: Asrarul Eusha

Enter account number: 6789

Enter creation date: 31/1/24

Enter account balance: 300

Opening Balance must be at least 1000.

Enter account balance: 2000

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

2

Salary Account - Name: Raiyan Bashir Mahin, Account Number: 991221, Creation Date: 31/1/24, Balance: 1200

Current Account - Name: Rahat Rahman, Account Number: 12345, Creation Date: 31/1/24, Balance: 5000

Savings Account - Name: Asrarul Eusha, Account Number: 6789, Creation Date: 31/1/24, Balance: 2000

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

3

Enter account number:

1000

Account not found!

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account

5. Deposit an amount into your account
6. Withdraw an amount from your account
7. Search for an account
8. Exit

Enter your choice:

3

Enter account number:

991221

Enter amount to be updated:

3400

Balance updated successfully!

Available Choices

1. Create a new Account
2. Display all accounts
3. Update an account
4. Delete an account
5. Deposit an amount into your account
6. Withdraw an amount from your account
7. Search for an account
8. Exit

Enter your choice:

2

Salary Account - Name: Raiyan Bashir Mahin, Account Number: 991221, Creation Date: 31/1/24, Balance: 4600

Current Account - Name: Rahat Rahman, Account Number: 12345, Creation Date: 31/1/24, Balance: 5000

Savings Account - Name: Asrarul Eusha, Account Number: 6789, Creation Date: 31/1/24, Balance: 2000

Available Choices

1. Create a new Account
2. Display all accounts
3. Update an account
4. Delete an account
5. Deposit an amount into your account
6. Withdraw an amount from your account
7. Search for an account
8. Exit

Enter your choice:

4

Enter account number to delete:

6543

Account not found!

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

4

Enter account number to delete:

12345

Account deleted successfully!

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

2

Salary Account - Name: Raiyan Bashir Mahin, Account Number: 991221, Creation Date: 31/1/24, Balance: 4600
Savings Account - Name: Asrarul Eusha, Account Number: 6789, Creation Date: 31/1/24, Balance: 2000

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account

6. Withdraw an amount from your account
7. Search for an account
8. Exit

Enter your choice:

5

Enter account number to deposit:

9562

Account not found!

Available Choices

1. Create a new Account
2. Display all accounts
3. Update an account
4. Delete an account
5. Deposit an amount into your account
6. Withdraw an amount from your account
7. Search for an account
8. Exit

Enter your choice:

5

Enter account number to deposit:

6789

Enter amount to be deposited:

1276

Amount deposited successfully!

Available Choices

1. Create a new Account
2. Display all accounts
3. Update an account
4. Delete an account
5. Deposit an amount into your account
6. Withdraw an amount from your account
7. Search for an account
8. Exit

Enter your choice:

2

Salary Account - Name: Raiyan Bashir Mahin, Account
Number: 991221, Creation Date: 31/1/24, Balance: 4600
Savings Account - Name: Asrarul Eusha, Account Number:

6789, Creation Date: 31/1/24, Balance: 3276

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

6

Enter account number to withdraw:

19236

Account not found!

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

6

Enter account number to withdraw:

991221

Enter amount to be withdrawn:

4000

Cannot withdraw. Minimum balance requirement not met.

Enter amount to be withdrawn:

3601

Cannot withdraw. Minimum balance requirement not met.

Enter amount to be withdrawn:

3600

Successfully withdrawn amount!

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

2

Salary Account - Name: Raiyan Bashir Mahin, Account Number: 991221, Creation Date: 31/1/24, Balance: 1000
Savings Account - Name: Asrarul Eusha, Account Number: 6789, Creation Date: 31/1/24, Balance: 3276

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

7

Enter account number to search:

42178

Account not found!

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

7

Enter account number to search:

991221

Account found!

Salary Account - Name: Raiyan Bashir Mahin, Account
Number: 991221, Creation Date: 31/1/24, Balance: 1000

Available Choices

- 1.Create a new Account
- 2.Display all accounts
- 3.Update an account
- 4.Delete an account
- 5.Deposit an amount into your account
- 6.Withdraw an amount from your account
- 7.Search for an account
- 8.Exit

Enter your choice:

8

Exit the application

Process finished with exit code 0