

Command : **java -jar BankManagementSystem.jar**

Output :

Customer Section

```

                Akz Bank

                Welcome to Akz Bank
                10-08-2022

Choose the below services :-

1.Open a new account          2.Customer Login
3.Admin Login                99.Exit

>>1

    Please contact Admin [Bank Details not filled]
```

```

Choose the below services :-

1.Open a new account          2.Customer Login
3.Admin Login                99.Exit

>>1
Enter your Name:
Akshaj
Enter your email:
akshaj@example.com
Enter your mobile number:
xxxxxxxxxxx
Enter your Password (8<password<20):
longpassword
Confirm your password:
longpassword

Account has been created.
Your Account number is 101020
```

```

Choose the below services :-

1.Open a new account          2.Customer Login
3.Admin Login                99.Exit

>>2

    Customer Login

Enter your account number:
101020
Enter your Password (8<password<20):
longpassword
```

```

Hi Akshaj,

Choose the below services:-

1.Deposit money.                2.Withdraw money.
3.Print Current Balance.        99.Logout

>>1
Enter amount to be deposited:
1000
Deposited Successfully, New Balance is 1000.0

Choose the below services:-

1.Deposit money.                2.Withdraw money.
3.Print Current Balance.        99.Logout

>>2
Enter amount to withdraw:
100
Withdrawal Successful, Current Balance is 900.0

```

```

Choose the below services:-

1.Deposit money.                2.Withdraw money.
3.Print Current Balance.        99.Logout

>>2
Enter amount to withdraw:
10000
Withdrawal Unsuccessful only 900.0 is left

Choose the below services:-

1.Deposit money.                2.Withdraw money.
3.Print Current Balance.        99.Logout

>>3
Current Balance: Rs.900.0

Choose the below services:-

1.Deposit money.                2.Withdraw money.
3.Print Current Balance.        99.Logout

>>99
      Logout successful

```

Admin Section

```

Choose the below services :-

1.Open a new account            2.Customer Login
3.Admin Login                   99.Exit

>>3
      Admin Login

Enter your account number:
100010
Enter your Password (8<password<20):
admin@system

Hi system,

Choose the below services:-

1.Enter Bank details                2.Add new admin account
3.Print accounts opened in our bank 4.Print admin accounts.
5.Backup Data                      6.Restore Data
7.Wipe Data                        99.Logout

>>1
Fill the below details:
Enter your branch:
Gandhinagar
Enter your IFSC code:
AKZB1010
Enter your address:
#19, 5th main sk street Gandjinagar
File saved locally

      Bank details updated

```

Choose the below services:-

- | | |
|-------------------------------------|-------------------------|
| 1.Enter Bank details | 2.Add new admin account |
| 3.Print accounts opened in our bank | 4.Print admin accounts. |
| 5.Backup Data | 6.Restore Data |
| 7.Wipe Data | 99.Logout |

>>2

Enter your Name:

akshaj

Enter your email:

akshaj@example.com

Enter your mobile number:

xxxxxxxxxxx

Enter your Password (8<password<20):

longpassword

Confirm your password:

longpassword

Account has been created.

Your Account number is 100011

Choose the below services:-

- | | |
|-------------------------------------|-------------------------|
| 1.Enter Bank details | 2.Add new admin account |
| 3.Print accounts opened in our bank | 4.Print admin accounts. |
| 5.Backup Data | 6.Restore Data |
| 7.Wipe Data | 99.Logout |

>>3

Accounts opened in our bank

Account Number: 101020

Name: Akshaj

Balance: 900.0

Email: akshaj@example.com

Mobile Number: xxxxxxxxxxx

Bank Details: AKZ BANK

100

AKZB1010

Gandhinagar

#19, 5th main sk street Gandjinagar

Choose the below services:-

- | | |
|-------------------------------------|-------------------------|
| 1.Enter Bank details | 2.Add new admin account |
| 3.Print accounts opened in our bank | 4.Print admin accounts. |
| 5.Backup Data | 6.Restore Data |
| 7.Wipe Data | 99.Logout |

>>4

Admin Accounts

Account Number: 100010

Name: system

Email: null

Mobile Number: null

Account Number: 100011

Name: akshaj

Email: akshaj@example.com

Mobile Number: xxxxxxxxxxx

6.png 7.png 8.png 9.png

```
Choose the below services:-

1.Enter Bank details
2.Add new admin account
3.Print accounts opened in our bank
4.Print admin accounts.
5.Backup Data
6.Restore Data
7.Wipe Data
99.Logout

>>5
Do you want to Backup? [yes='y'or no='n']
y
File saved locally

BACKUP complete: customer accounts
File saved locally
BACKUP complete: Admin accounts
```

```
Choose the below services:-

1.Enter Bank details
2.Add new admin account
3.Print accounts opened in our bank
4.Print admin accounts.
5.Backup Data
6.Restore Data
7.Wipe Data
99.Logout

>>99
    Logout successful

Choose the below services :-

1.Open a new account
2.Customer Login
3.Admin Login
99.Exit

>>99
    Thank You. Have A Nice Day :)
```

Application has executed successfully.

->Now rerun the command

```
java -jar BankManagementSystem.jar
```

->login as admin with the default credentials

->select *restore data* to get saved data back.

```

Hi system,

Choose the below services:-
1.Enter Bank details
3.Print accounts opened in our bank
5.Backup Data
7.Wipe Data
2.Add new admin account
4.Print admin accounts.
6.Restore Data
99.Logout

>>6
Do you want to restore the whole data? [yes='y'or no='n']
y
RESTORE complete: customer accounts
RESTORE complete: Admin accounts

Choose the below services:-
1.Enter Bank details
3.Print accounts opened in our bank
5.Backup Data
7.Wipe Data
2.Add new admin account
4.Print admin accounts.
6.Restore Data
99.Logout

>>3

Accounts opened in our bank

Account Number: 101020
Name: Akshaj
Balance: 900.0
Email: akshaj@example.com
Mobile Number: xxxxxxxxxxxx
Bank Details: AKZ BANK
              100
              AKZB1010
              Gandhinagar
              #19, 5th main sk street Gandjinagar

```

wipe data will clear whole data and cache present

```

Choose the below services:-
1.Enter Bank details
3.Print accounts opened in our bank
5.Backup Data
7.Wipe Data
2.Add new admin account
4.Print admin accounts.
6.Restore Data
99.Logout

>>7
Do you want to erase the whole data? [yes='y'or no='n']
y

Cache has been cleared.
adminUsers.txt file deleted.
customers.txt file deleted.
bankDetails.txt file deleted.

Data Erased Successfully

Choose the below services:-
1.Enter Bank details
3.Print accounts opened in our bank
5.Backup Data
7.Wipe Data
2.Add new admin account
4.Print admin accounts.
6.Restore Data
99.Logout

>>3

Accounts opened in our bank

Not yet Created

```

Choose the below services:-

- | | |
|-------------------------------------|-------------------------|
| 1.Enter Bank details | 2.Add new admin account |
| 3.Print accounts opened in our bank | 4.Print admin accounts. |
| 5.Backup Data | 6.Restore Data |
| 7.Wipe Data | 99.Logout |

>>99

Logout successful

Choose the below services :-

- | | |
|----------------------|------------------|
| 1.Open a new account | 2.Customer Login |
| 3.Admin Login | 99.Exit |

>>99

Thank You. Have A Nice Day :)