Result of 'Banking Information System' – Screenshots

- Create Account in bank or Exit -:

```
C:\Windows\System32\cmd.exe - java BIS
Microsoft Windows [Version 10.0.19045.3208]
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D:\JavaIntern>set path="C:\Program Files\Java\jdk1.8.0_291\bin"

D:\JavaIntern>javac BIS.java

D:\JavaIntern>java BIS
                        _____
                       /_____ \
                     /  /                      \  \
                    /  /  BANK INFORMATION SYSTEM \  \
                   /  /_____ \  \
                  ==========================================
                   ||              ( $ )              ||
                  ==========================================
                    |_|  _   |_|           |_|  _  |_|
                    ||  | |  ||           ||  | | ||
                    ||  |_|  ||   _   ||  |_|  ||
                    ||  | |  ||  | |  ||  | |  ||
                   _||__|_|__||__|_|__||__|_|__||_
                  _|_____|_
                 |_____|


                     **************************
                     *        MAIN MENU        *
                     **************************
                     * 1. Create Account       *
                     * 2. Exit                  *
                     **************************


                 ::::::::::::::::::::::::::::::::::::::
                          Enter Your Choice :: 1
                 ::::::::::::::::::::::::::::::::::::::
```

- If User Select Exit -:

```
D:\JavaIntern>java BIS
                        _____
                       /_____ \
                     /  /                      \  \
                    /  /  BANK INFORMATION SYSTEM \  \
                   /  /_____ \  \
                  ==========================================
                   ||              ( $ )              ||
                  ==========================================
                    |_|  _   |_|           |_|  _  |_|
                    ||  | |  ||           ||  | | ||
                    ||  |_|  ||   _   ||  |_|  ||
                    ||  | |  ||  | |  ||  | |  ||
                   _||__|_|__||__|_|__||__|_|__||_
                  _|_____|_
                 |_____|


                     **************************
                     *        MAIN MENU        *
                     **************************
                     * 1. Create Account       *
                     * 2. Exit                  *
                     **************************


                 ::::::::::::::::::::::::::::::::::::::
                          Enter Your Choice :: 2
                 ::::::::::::::::::::::::::::::::::::::

        --------------------------THANK YOU FOR VISITING US !----------------------------
        -------------------------- being our customer you are a family member of ours----------------------------
        --------------------------!!  Hope to See You Again  !!----------------------------
D:\JavaIntern>
```

- If user Register itself -:


```
                    ::::::::::::::::::::::::::::::::::::::
                            Enter Your Choice :: 1
                    ::::::::::::::::::::::::::::::::::::::

---- User Registration ----

******************************
Enter Your First Name: Swarangi
------------------------------------------------
Enter Your Last Name : Shirsekar
------------------------------------------------
Enter Account Type(Saving-1 or Current-2): 1
------------------------------------------------
Enter your Age : 19
------------------------------------------------
Enter Date of Birth (dd-mm-yyyy) : 24-03-2005
------------------------------------------------
Enter Gender(Male-m / Female-f/ Other-o) : f
------------------------------------------------
Enter Address  : Ghatkopar East, Mumbai-400075
------------------------------------------------
Enter Contact Number : 900426639

Please retype Your Contact Number: 9004266739
------------------------------------------------
Enter Email id : swarass@gmail.com
------------------------------------------------
Enter Initial Balance : 5000
------------------------------------------------
Enter a PIN (4 digit) :
****
------------------------------------------------
Confirm PIN:
****
------------------------------------------------


                        You are successfully register..!
                    ::::::::::::::::::::::::::::::::::::::

                        YOUR ACCOUNT ID IS :: 1000100

                    ::::::::::::::::::::::::::::::::::::::


                        **********************************
                        *              MENU              *
                        **********************************
                        * 1. Create another Account  *
                        * 2. Login                    *
                        * 3. Exit                     *
                        **********************************


                    ::::::::::::::::::::::::::::::::::::::
                            Enter Your Choice ::
```

Get Unique Account Number after Registration and can register other Bank Account or Login to his/her account to perform banking operations.

- Register Another Account-:


```
*******************************
*            MENU             *
*******************************
* 1. Create another Account   *
* 2. Login                    *
* 3. Exit                     *
*******************************


::::::::::::::::::::::::::::::::::::
        Enter Your Choice :: 1

::::::::::::::::::::::::::::::::::::


---- User Registration ----

***************************
Enter Your First Name: Sharvari
---------------------------------------------
Enter Your Last Name : Vichare
---------------------------------------------
Enter Account Type(Saving-1 or Current-2): 1
---------------------------------------------
Enter your Age : 18
---------------------------------------------
Enter Date of Birth (dd-mm-yyyy) : 19-03-2006
---------------------------------------------
Enter Gender(Male-m / Female-f/ Other-o) : f
---------------------------------------------
Enter Address  : Pantnagar, MUmbai-400077
---------------------------------------------
Enter Contact Number : 1234567890
---------------------------------------------
Enter Email id : ss@gmail.com
---------------------------------------------
Enter Initial Balance : 8000
---------------------------------------------
Enter a PIN (4 digit) :
****
---------------------------------------------
Confirm PIN:
****
---------------------------------------------


            You are successfully register..!
        :::::::::::::::::::::::::::::::::::::

            YOUR ACCOUNT ID IS :: 1000101

        :::::::::::::::::::::::::::::::::::::
```

- User Login using Account No. and PIN


```
C:\Windows\System32\cmd.exe - java  BIS
```

```
*******************************
*            MENU             *
*******************************
* 1. Create another Account   *
* 2. Login                    *
* 3. Exit                     *
*******************************


::::::::::::::::::::::::::::::::::::
        Enter Your Choice :: 2

::::::::::::::::::::::::::::::::::::


 ----- User Login -----

***************************
Enter account id: 1000100

Enter a password: _
```

- After Successful Login user can perform Banking Operation

Deposit amount

```
C:\Windows\System32\cmd.exe - java BIS
Your Balance is: 10000.0


xxxxxxxxx::::::: PROCESS COMPLETED: PRESS ENTER TO CONTINUE:::::::xxxxxxxxx


                ---------------------------------------------------
                 _____   _____  _   _   _    _
                |  _  \ |  ____| | \ | | | |  | |
                | | | | | |__    |  \| | | |  | |
                | | | | |  __|   | . ` | | |  | |
                | |_| | | |____  | |\  | | |__| |
                |_____/ |_____| |_| \_|  \____/
                ---------------------------------------------------



                        0. Deposit ...... '1'

                --------------------------------


                        ♥. Withdraw ...... '2'

                --------------------------------


                        ♣. Fund Transfer ...... '3'

                --------------------------------


                        ♦. Account Statements ...... '4'

                --------------------------------


                        ♠. Account Management ...... '5'

                --------------------------------


                        0. Quit ...... '0'


Enter Your Choice: 2


Enter amount to Withdraw - 1000

Rs. 1000.0 Withdraw Successfully !
Your Balance is: 9000.0


xxxxxxxxx::::::: PROCESS COMPLETED: PRESS ENTER TO CONTINUE:::::::xxxxxxxxx
```

Withdraw Amount

```
C:\Windows\System32\cmd.exe - java BIS

                    --------------------------------------------------
                     __     __  _____  __    _  _   _
                    |   \   /   |   __| | \   | | | | |
                    |    \ /    |  |__  |  \  | | | | |
                    |  |\ | /|  |   __| |   \ | | | | |
                    |  | \|/ |  |  |__  |  |\ \| | |_| |
                    |__|     |__|_____| |__| \__|  \___/
                    --------------------------------------------------


                              @. Deposit ...... '1'

                    ----------------------------------

                              ♥. Withdraw ...... '2'

                    ----------------------------------

                              ♣. Fund Transfer ...... '3'

                    ----------------------------------

                              ♦. Account Statements ...... '4'

                    ----------------------------------

                              ♠. Account Management ...... '5'

                    ----------------------------------

                              @. Quit ...... '0'


Enter Your Choice: 3

Enter the receiver's accno : 1000101

Enter amount to transfer : 2000

_____

Receiver's Balance is 10000.0

Rs. 2000.0 Rs Transfer Successfully to 1000101

Your Balance is 3000.0

xxxxxxxxx::::::: PROCESS COMPLETED: PRESS ENTER TO CONTINUE:::::::xxxxxxxxx
```

Transfer fund to another registered account

User chooses Account management Option -:

```
Enter Your Choice: 5


                        ========  Account Management  ========

                            1. Track Balance
                            2. View Account
                            3. Update Account Details
                            4. Exit

                        =======================================

                            Enter Your Choice := 1

                        =======================================


_____
    Your balance is : 3000.0
_____



                        ========  Account Management  ========

                            1. Track Balance
                            2. View Account
                            3. Update Account Details
                            4. Exit

                        =======================================

                            Enter Your Choice := 2

                        =======================================

Account id          : 1000100
Balance             : 3000.0
Name of Accountant  : Swarangi  Shirsekar
Account Type        : Saving Account
Date of Birth       : 24-03-2005
Age                 : 19
Gender              : Female
Address             : Ghatkopar East, Mumbai-400075
Contact Number      : 9004266739
Email id            : swarass@gmail.com



                        ========  Account Management  ========

                            1. Track Balance
                            2. View Account
                            3. Update Account Details
                            4. Exit

                        =======================================

                            Enter Your Choice :=
```

User can Change his any existing details -:

```
========  Account Management  ========
          1. Track Balance
          2. View Account
          3. Update Account Details
          4. Exit

          =======================================

          Enter Your Choice := 3

          =======================================


=======================================
|       Update Account Details        |
=======================================
| 1. Change Name                      |
| 2. Change PIN                       |
| 3. Change Account Settings          |
| 4. Change Age & Date of Birth       |
| 5. Change Gender                    |
| 6. Change Address                   |
| 7. Change Contact Details           |
| 8. Exit                             |
=======================================


Enter Your Choice: 3

Change Account Type(Saving-1 or Current-2): 2
-----------------------------------------------

Account Type has been Updated Successfully !!
```

Exit from Account Management -:

```
=======================================
|       Update Account Details        |
=======================================
| 1. Change Name                      |
| 2. Change PIN                       |
| 3. Change Account Settings          |
| 4. Change Age & Date of Birth       |
| 5. Change Gender                    |
| 6. Change Address                   |
| 7. Change Contact Details           |
| 8. Exit                             |
=======================================


Enter Your Choice: 8


-----------------------------------------------------------

Your Account Information has been Updated Successfully !!



                ========  Account Management  ========
                          1. Track Balance
                          2. View Account
                          3. Update Account Details
                          4. Exit

                          =======================================

                          Enter Your Choice := 4

                          =======================================



xxxxxxxxx::::::: PROCESS COMPLETED: PRESS ENTER TO CONTINUE:::::::xxxxxxxxx
```

```
               __  __  _____  _   _  _    _
              |  \/  ||  ___|| \ | || |  | |
              | |\/| || |__  |  \| || |  | |
              | |  | ||  __| | . ` || |  | |
              | |  | || |___ | |\  || |__| |
              |_|  |_||_____||_| \_| \____/
         --------------------------------------------------


                    0. Deposit ...... '1'

              ----------------------------------


                    ♥. Withdraw ...... '2'

              ----------------------------------


                    ♣. Fund Transfer ...... '3'

              ----------------------------------


                    ♦. Account Statements ...... '4'

              ----------------------------------


                    ♠. Account Management ...... '5'

              ----------------------------------


                    0. Quit ...... '0'


Enter Your Choice: 4


            -----  Transaction History  -----

====================================================================
  Date       Time        Amount        Opeartion     Remaining Balance
====================================================================
14/07/2023 20:06:14    5000.0 Rs     Deposited     10000.0
_____
14/07/2023 20:06:35    1000.0 Rs     Withdrawed    9000.0
_____


xxxxxxxxx::::::: PROCESS COMPLETED: PRESS ENTER TO CONTINUE:::::::xxxxxxxxx
```

Account Statement- Transaction History

- Exit from navigation menu-:


```
                              0. Deposit ...... '1'

            ----------------------------------

                              ♥. Withdraw ...... '2'

            ----------------------------------

                              ♣. Fund Transfer ...... '3'

            ----------------------------------

                              ♦. Account Statements ...... '4'

            ----------------------------------

                              ♠. Account Management ...... '5'

            ----------------------------------

                              0. Quit ...... '0'

Enter Your Choice: 0


                    ********************************
                    *              MENU            *
                    ********************************
                    * 1. Create another Account   *
                    * 2. Login                     *
                    * 3. Exit                      *
                    ********************************

                :::::::::::::::::::::::::::::::::::::

                        Enter Your Choice :: 3

                :::::::::::::::::::::::::::::::::::::


        --------------------------! THANK YOU FOR VISITING US !----------------------------
        ------------------------------ being our customer you are a family member of ours-----------------------------
                --------------------------  !!  Hope to See You Again  !!----------------------------

D:\JavaIntern>
```

- When User enter wrong option-:

```
********************************
*            MENU              *
********************************
* 1. Create another Account    *
* 2. Login                     *
* 3. Exit                      *
********************************


::::::::::::::::::::::::::::::::::::::

      Enter Your Choice :: 6

::::::::::::::::::::::::::::::::::::::


      Enter correct Option ..!

********************************
*            MENU              *
********************************
* 1. Create another Account    *
* 2. Login                     *
* 3. Exit                      *
********************************


::::::::::::::::::::::::::::::::::::::

      Enter Your Choice :: _
```

- When User enter wrong Account number or password while login-:

```
********************************
*            MENU              *
********************************
* 1. Create another Account    *
* 2. Login                     *
* 3. Exit                      *
********************************


::::::::::::::::::::::::::::::::::::::

      Enter Your Choice :: 2

::::::::::::::::::::::::::::::::::::::


 ----- User Login -----

****************************
Enter account id: 1000101

Enter a password:

****************************
  Account doesn't exist

********************************
*            MENU              *
********************************
* 1. Create another Account    *
* 2. Login                     *
* 3. Exit                      *
********************************


::::::::::::::::::::::::::::::::::::::

      Enter Your Choice :: _
```

- When User input wrong value -:

```
Enter Your Choice: 1


Enter amount to Deposit - 1000
You've Entered amount less than Rs.1500

Retype amount to Deposit: _
```

```
Enter Your Choice: 2


Enter amount to Withdraw - ddff

Retype amount to Withdraw: _
```

```
Enter Your Choice: 3

Enter the receiver's accno : 1000101

Enter amount to transfer : 12000

Insufficient Balance !!!
_____

Retype amount to Transfer: 2000

Enter reciever's correct accno:
```