

BANKING SYSTEM APP

```
Import java.util.Scanner;

Class BankAccount {

    Private String accountHolder;

    Private String accountNumber;

    Private double balance;

    Public BankAccount(String accountHolder, String accountNumber, double
initialBalance) {

        This.accountHolder = accountHolder;

        This.accountNumber = accountNumber;

        This.balance = initialBalance;

    }

    Public void deposit(double amount) {

        If (amount > 0) {

            Balance += amount;

            System.out.println("₹" + amount + " deposited successfully.");

        } else {

            System.out.println("Invalid deposit amount.");

        }

    }

    Public void withdraw(double amount) {

        If (amount > 0 && amount <= balance) {

            Balance -= amount;

            System.out.println("₹" + amount + " withdrawn successfully.");

        } else {

            System.out.println("Insufficient balance or invalid amount.");

        }

    }

}
```

```

    }
}

Public void displayDetails() {

    System.out.println("Account Holder: " + accountHolder);

    System.out.println("Account Number: " + accountNumber);

    System.out.println("Current Balance: ₹" + balance);

}

}

Public class BankingSystem {

    Public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter Account Holder Name: ");

        String name = scanner.nextLine();

        System.out.print("Enter Account Number: ");

        String accNumber = scanner.nextLine();

        System.out.print("Enter Initial Balance: ");

        Double balance = scanner.nextDouble();

        BankAccount account = new BankAccount(name, accNumber, balance);

        Int choice;

        Do {

            System.out.println("\n===== BANK MENU =====");

            System.out.println("1. Deposit");

            System.out.println("2. Withdraw");

            System.out.println("3. Display Account Details");

            System.out.println("4. Exit");

            System.out.print("Enter choice: ");

```

```
Choice = scanner.nextInt();
```

```
Switch (choice) {
```

```
    Case 1:
```

```
        System.out.print("Enter amount to deposit: ");
```

```
        Double depositAmt = scanner.nextDouble();
```

```
        Account.deposit(depositAmt);
```

```
        Break;
```

```
    Case 2:
```

```
        System.out.print("Enter amount to withdraw: ");
```

```
        Double withdrawAmt = scanner.nextDouble();
```

```
        Account.withdraw(withdrawAmt);
```

```
        Break;
```

```
    Case 3:
```

```
        Account.displayDetails();
```

```
        Break;
```

```
    Case 4:
```

```
        System.out.println("Exiting... Thank you for banking with us!");
```

```
        Break;
```

```
    Default:
```

```
        System.out.println("Invalid choice! Please try again.");
```

```
    }
```

```
} while (choice != 4);
```

```
Scanner.close();
```

```
}
```

```
}
```