

## Program Constructor

```
package megha;

class BankAccount1 {
    private String accountHolderName;
    private String bankName;
    private double accountBalance;

    // Constructor
    public BankAccount1(String accountHolderName, String bankName, double initialBalance)
    {
        this.accountHolderName = accountHolderName;
        this.bankName = bankName;
        this.accountBalance = initialBalance;
    }

    // Method to get the balance
    public double getBalance() {
        return accountBalance;
    }

    // Method to deposit money
    public void deposit(double amount) {
        if (amount > 0) {
            accountBalance += amount;
            System.out.println("Deposited: " + amount + " | New Balance: " + accountBalance);
        } else {
            System.out.println("Deposit amount must be positive.");
        }
    }

    // Method to withdraw money
    public void withdraw(double amount) {
        if (amount > 0 && amount <= accountBalance) {
            accountBalance -= amount;
            System.out.println("Withdrew: " + amount + " | New Balance: " + accountBalance);
        } else if (amount > accountBalance) {
            System.out.println("Insufficient funds for withdrawal.");
        } else {
            System.out.println("Withdrawal amount must be positive.");
        }
    }

    // Method to display account details
    public void displayAccountDetails() {
```

```

        System.out.println("Account Holder: " + accountHolderName);
        System.out.println("Bank Name: " + bankName);
        System.out.println("Account Balance: " + accountBalance);
        System.out.println();
    }
}

    public class bank {

        public static void main(String[] args) {
            // Creating three bank accounts
            BankAccount1 account1 = new BankAccount1("Adarsha", "ICICI", 1000.0);
            BankAccount1 account2 = new BankAccount1("Bhavana", "HDFC", 1500.0);
            BankAccount1 account3 = new BankAccount1("Chaitra", "SBI", 2000.0);

            // Displaying initial account details
            account1.displayAccountDetails();
            account2.displayAccountDetails();
            account3.displayAccountDetails();

            // Depositing money
            account1.deposit(500);
            account2.deposit(300);
            account3.deposit(700);

            // Withdrawing money
            account1.withdraw(200);
            account2.withdraw(500);
            account3.withdraw(1000);

            // Displaying final account balances
            account1.displayAccountDetails();
            account2.displayAccountDetails();
            account3.displayAccountDetails();
        }
    }

```

## Output

```

Account Holder: Adarsha
Bank Name: ICICI
Account Balance: 1000.0

```

```

Account Holder: Bhavana
Bank Name: HDFC

```

Account Balance: 1500.0

Account Holder: Chaitra

Bank Name: SBI

Account Balance: 2000.0

Deposited: 500.0 | New Balance: 1500.0

Deposited: 300.0 | New Balance: 1800.0

Deposited: 700.0 | New Balance: 2700.0

Withdrew: 200.0 | New Balance: 1300.0

Withdrew: 500.0 | New Balance: 1300.0

Withdrew: 1000.0 | New Balance: 1700.0

Account Holder: Adarsha

Bank Name: ICICI

Account Balance: 1300.0

Account Holder: Bhavana

Bank Name: HDFC

Account Balance: 1300.0

Account Holder: Chaitra

Bank Name: SBI

Account Balance: 1700.0