

Practical No. 9

```
package Prac9;

import java.util.Scanner;

public class BankAccount {

    public static void main(String[] args) {

        Scanner in = new Scanner(System.in);

        int userChoice;
        boolean quit = false;
        float balance = 0f;

        do {

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

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

            System.out.println("3. Check balance");

            System.out.print("Your choice, 0 to quit: ");

            userChoice = in.nextInt();

            switch (userChoice) {

                case 1:
                    float amount;
                    System.out.print("Amount to deposit: ");

                    amount = in.nextFloat();

                    if (amount <= 0)

                        System.out.println("Can't deposit nonpositive
amount.");

                    else {
                        balance += amount;

                        System.out.println("$" + amount + " has been
deposited.");
                    }
                    break;

                case 2:
                    System.out.print("Amount to withdraw: ");
                    amount = in.nextFloat();

                    if (amount <= 0 || amount > balance)
                    {
                        System.out.println("Withdrawal can't be
completed.");
                    }
                    else
                    {
                        balance -= amount;
                        System.out.println("$" + amount + " has been
withdrawn.");
                    }
            }
        }
    }
}
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        }
        break;

    case 3:
        System.out.println("Your balance: $" + balance);
        break;

    case 0:
        quit = true;
        break;

    default:
        System.out.println("Wrong choice.");
        break;
    }

    System.out.println();

} while (!quit);

System.out.println("Thank you!");
}
}

```

OUTPUT :

```

1. Deposit money
2. Withdraw money
3. Check balance
Your choice, 0 to quit: 1
Amount to deposit: 1000
$1000.0 has been deposited.

```

```

1. Deposit money
2. Withdraw money
3. Check balance
Your choice, 0 to quit: 2
Amount to withdraw: 500
$500.0 has been withdrawn.

```

```

1. Deposit money
2. Withdraw money
3. Check balance
Your choice, 0 to quit: 3
Your balance: $500.0

```

```

1. Deposit money
2. Withdraw money
3. Check balance
Your choice, 0 to quit: 0

```

Thank you!