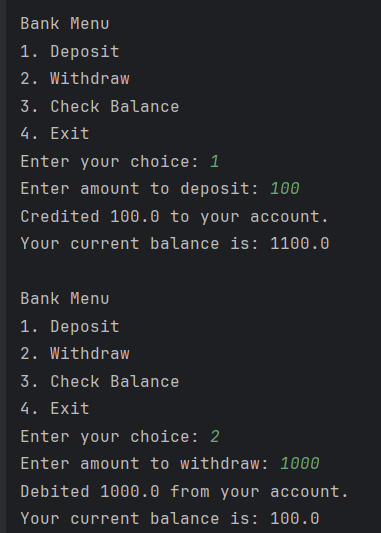
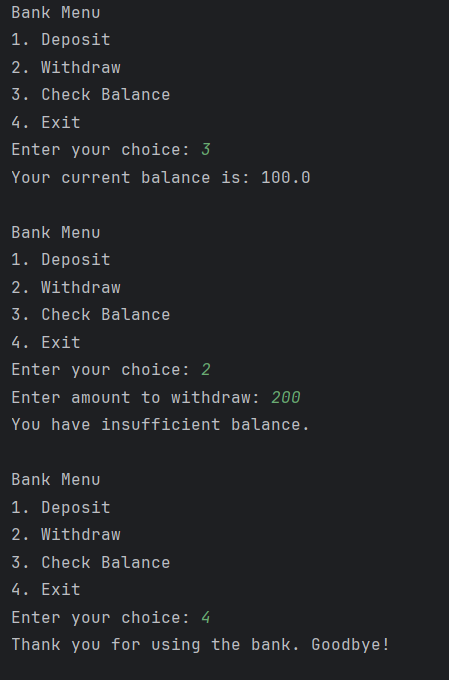
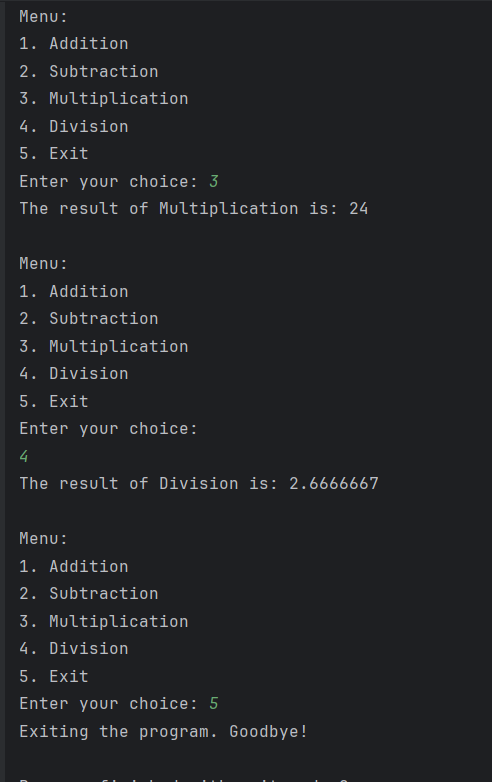
**Code**

import java.util.Scanner;  
  
public class bank {  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
  
 Account acc = new Account(1, "Atharva", 1000);  
  
 boolean breakFlow;  
 do {  
 System.*out*.println("\nBank Menu");  
 System.*out*.println("1. Deposit");  
 System.*out*.println("2. Withdraw");  
 System.*out*.println("3. Check Balance");  
 System.*out*.println("4. Exit");  
 System.*out*.print("Enter your choice: ");  
  
 int choice = sc.nextInt();  
 breakFlow = true;  
  
 switch (choice) {  
 case 1:  
 System.*out*.print("Enter amount to deposit: ");  
 double depositAmount = sc.nextDouble();  
 acc.deposit(depositAmount);  
 break;  
 case 2:  
 System.*out*.print("Enter amount to withdraw: ");  
 double withdrawAmount = sc.nextDouble();  
 acc.withdraw(withdrawAmount);  
 break;  
 case 3:  
 acc.checkBalance();  
 break;  
 case 4:  
 System.*out*.println("Thank you for using the bank. Goodbye!");  
 breakFlow = false;  
 break;  
 default:  
 System.*out*.println("Invalid choice. Please enter proper value.");  
 }  
 } while (breakFlow);  
 }  
 static class Account {  
 private int accNumber;  
 private String name;  
 private double balance;  
  
 public Account(int accNumber, String name, double initialBalance) {  
 this.accNumber = accNumber;  
 this.name = name;  
 this.balance = initialBalance;  
 }  
  
 void withdraw(double amount) {  
 if (amount > balance) {  
 System.*out*.println("You have insufficient balance.");  
 } else {  
 balance -= amount;  
 System.*out*.println("Debited " + amount + " from your account.");  
 System.*out*.println("Your current balance is: " + balance);  
 }  
 }  
  
 void deposit(double amount) {  
 balance += amount;  
 System.*out*.println("Credited " + amount + " to your account.");  
 System.*out*.println("Your current balance is: " + balance);  
 }  
  
 void checkBalance() {  
 System.*out*.println("Your current balance is: " + balance);  
 }  
 }  
}



**Code**

import java.util.Scanner;  
  
public class calculator {  
  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
  
 int num1, num2, choice;  
  
 System.*out*.println("Enter the value for 1st Number: ");  
 num1 = sc.nextInt();  
  
 System.*out*.println("Enter the value for 2nd Number: ");  
 num2 = sc.nextInt();  
  
 do {  
 System.*out*.println("\nMenu:");  
 System.*out*.println("1. Addition");  
 System.*out*.println("2. Subtraction");  
 System.*out*.println("3. Multiplication");  
 System.*out*.println("4. Division");  
 System.*out*.println("5. Exit");  
 System.*out*.print("Enter your choice: ");  
 choice = sc.nextInt();  
  
 if (choice >= 1 && choice <= 4) {  
 *performCalculation*(num1, num2, choice);  
 } else if (choice == 5) {  
 System.*out*.println("Exiting the program. Goodbye!");  
 } else {  
 System.*out*.println("Invalid choice! Please try again.");  
 }  
  
 } while (choice != 5);  
 }  
  
 public static void performCalculation(int a, int b, int choice) {  
 switch (choice) {  
 case 1:  
 *addition*(a, b);  
 break;  
 case 2:  
 *subtraction*(a, b);  
 break;  
 case 3:  
 *multiplication*(a, b);  
 break;  
 case 4:  
 *division*(a, b);  
 break;  
 }  
 }  
  
 public static void addition(int a, int b) {  
 int sum = a + b;  
 System.*out*.println("The result of Addition is: " + sum);  
 }  
  
 public static void subtraction(int a, int b) {  
 int sub = a - b;  
 System.*out*.println("The result of Subtraction is: " + sub);  
 }  
  
 public static void multiplication(int a, int b) {  
 int mul = a \* b;  
 System.*out*.println("The result of Multiplication is: " + mul);  
 }  
  
 public static void division(int a, int b) {  
 if (b == 0) {  
 System.*out*.println("Error: Division by zero is not allowed.");  
 } else {  
 float div = (float) a / b;  
 System.*out*.println("The result of Division is: " + div);  
 }  
 }  
}

