1. Program to reverse a StringBuffer initialized with "Java Programming":

public class Main {

public static void main(String[] args) {

StringBuffer sb = new StringBuffer("Java Programming");

sb.reverse();

System.out.println("Reversed StringBuffer: " + sb);

}

}

1. Method that deletes the substring "World" from a StringBuffer initialized with "Hello World":

public class Main {

public static void main(String[] args) {

StringBuffer sb = new StringBuffer("Hello World");

sb.delete(sb.indexOf("World"), sb.length());

System.out.println("Modified StringBuffer: " + sb);

}

}

1. Java program that replaces "Java" with "Python" in a StringBuffer:

public class Main {

public static void main(String[] args) {

StringBuffer sb = new StringBuffer("I love Java programming");

int start = sb.indexOf("Java");

sb.replace(start, start + "Java".length(), "Python");

System.out.println("Modified StringBuffer: " + sb);

}

}

1. Simple banking system where users can deposit and withdraw money until they choose to exit:

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

double balance = 0;

int choice;

do {

System.out.println("1. Deposit\n2. Withdraw\n3. Exit");

System.out.print("Choose an option: ");

choice = scanner.nextInt();

switch (choice) {

case 1:

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

double deposit = scanner.nextDouble();

balance += deposit;

break;

case 2:

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

double withdraw = scanner.nextDouble();

if (withdraw > balance) {

System.out.println("Insufficient balance.");

} else {

balance -= withdraw;

}

break;

case 3:

System.out.println("Exiting...");

break;

default:

System.out.println("Invalid choice.");

}

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

} while (choice != 3);

}

}

1. Program to demonstrate the use of unary increment (++) and decrement (--) operators:

public class Main {

public static void main(String[] args) {

int a = 5;

int b = 10;

// Increment operator

a++;

System.out.println("a after increment: " + a);

// Decrement operator

b--;

System.out.println("b after decrement: " + b);

}

}