#include <stdio.h>

int main() {

int choice;

float balance = 10000, amount, bonus;

printf("Welcome to the Smart Bank Account Manager\n");

do {

printf("\n1. Deposit Money\n");

printf("2. Withdraw Money\n");

printf("3. Check Balance\n");

printf("4. Exit\n");

printf("Enter your choice: ");

scanf("%d", &choice);

if (choice == 1) { // Deposit

printf("Enter amount to deposit: ");

scanf("%f", &amount);

if (amount > 0) {

bonus = 0;

if (amount > 25000) {

bonus = amount \* 0.01;

printf("Bonus of %.2f added to your account!\n", bonus);

amount += bonus;

}

balance = balance + amount - 5;

printf("₹5 service charge deducted.\n");

printf("Updated Balance: ₹%.2f\n", balance);

} else {

printf("Invalid deposit amount!\n");

}

}

else if (choice == 2) { // Withdraw

printf("Enter amount to withdraw: ");

scanf("%f", &amount);

if (amount > balance) {

printf("Not enough balance!\n");

} else if (amount > 0) {

balance = balance - amount - 5;

printf("₹5 service charge applied.\n");

printf("Updated Balance: ₹%.2f\n", balance);

} else {

printf("Invalid withdrawal amount!\n");

}

}

else if (choice == 3) {

printf("Current Balance: ₹%.2f\n", balance);

}

else if (choice == 4) {

printf("Thank you for banking with us!\n");

}

else {

printf("Invalid choice! Try again.\n");

}

} while (choice != 4);

return 0;

}