

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
struct Account {
```

```
    int accNo;
```

```
    char name[50];
```

```
    float balance;
```

```
};
```

```
struct Account acc;
```

```
void createAccount() {
```

```
    FILE *fp = fopen("bank.dat", "wb");
```

```
    printf("Enter Account No: ");
```

```
    scanf("%d", &acc.accNo);
```

```
    printf("Enter Name: ");
```

```
    scanf("%s", acc.name);
```

```
    acc.balance = 0;
```

```
    fwrite(&acc, sizeof(acc), 1, fp);
```

```
    fclose(fp);
```

```
    printf("Account Created!\n");
```

```
}
```

```
void deposit() {
```

```
    FILE *fp = fopen("bank.dat", "rb+");
```

```
    float amount;
```

```
    fread(&acc, sizeof(acc), 1, fp);
```

```
    printf("Enter amount to deposit: ");
```

```
    scanf("%f", &amount);
```

```
    acc.balance += amount;
    fseek(fp, 0, SEEK_SET);
    fwrite(&acc, sizeof(acc), 1, fp);
    fclose(fp);
    printf("Deposited Successfully!\n");
}
```

```
void withdraw() {
    FILE *fp = fopen("bank.dat", "rb+");
    float amount;
    fread(&acc, sizeof(acc), 1, fp);

    printf("Enter amount to withdraw: ");
    scanf("%f", &amount);

    if(amount > acc.balance) {
        printf("Insufficient Balance!\n");
    } else {
        acc.balance -= amount;
        fseek(fp, 0, SEEK_SET);
        fwrite(&acc, sizeof(acc), 1, fp);
        printf("Transaction Successful!\n");
    }
    fclose(fp);
}
```

```
void balanceInquiry() {
    FILE *fp = fopen("bank.dat", "rb");
    fread(&acc, sizeof(acc), 1, fp);
    printf("\nAccount Holder: %s\nBalance: %.2f\n", acc.name, acc.balance);
    fclose(fp);
}
```

```
}
```

```
int main() {
```

```
    int ch;
```

```
    createAccount();
```

```
    while(1) {
```

```
        printf("\n*** Banking System ***\n");
```

```
        printf("1. Deposit\n2. Withdraw\n3. Balance Enquiry\n4. Exit\n");
```

```
        printf("Enter your choice: ");
```

```
        scanf("%d", &ch);
```

```
        switch(ch) {
```

```
            case 1: deposit(); break;
```

```
            case 2: withdraw(); break;
```

```
            case 3: balanceInquiry(); break;
```

```
            case 4: exit(0);
```

```
            default: printf("Invalid Option!\n");
```

```
        }
```

```
    }
```

```
    return 0;
```

```
}
```

```
Enter Account No: 111
Enter Name: shweta
Account Created!

*** Banking System ***
1. Deposit
2. Withdraw
3. Balance Enquiry
4. Exit
Enter your choice: 1
Enter amount to deposit: 2000
Deposited Successfully!

*** Banking System ***
1. Deposit
2. Withdraw
3. Balance Enquiry
4. Exit
Enter your choice: 2
Enter amount to withdraw: 500
Transaction Successful!

*** Banking System ***
1. Deposit
2. Withdraw
3. Balance Enquiry
4. Exit
Enter your choice: 3

Account Holder: shweta
Balance: 1500.00

*** Banking System ***
1. Deposit
2. Withdraw
3. Balance Enquiry
4. Exit
Enter your choice:
```