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# *BANK MANAGEMENT SYSTEM*

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Simple C PROGRAM



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This is developed as my course work in structured programming. It is complete and no errors in here. This program can be used to develop simple banking system to connect bank and customers to do some specific tasks.

## **Functions used in Bank Management System**

When we use bank management system there are so functionalities in here. Such as create a new account, view details, cash deposits, cash withdrawal. Therefore, in my banking system I include these functions.

### **1. createAccount ()**

In this function we can create new bank account. it ask account number, account holder name, account type, initial balance, and password. After entering these details account create successfully.

### **2. viewAccount ()**

in this function we can see all the details about customer. we can see only account holder name, account type, and current balance.

### **3. deposit ()**

Using this function customer can get account balance when he deposits some money. It asks account number and password. If we give correct details, it asks amount which user to deposit. Then account balance increment.

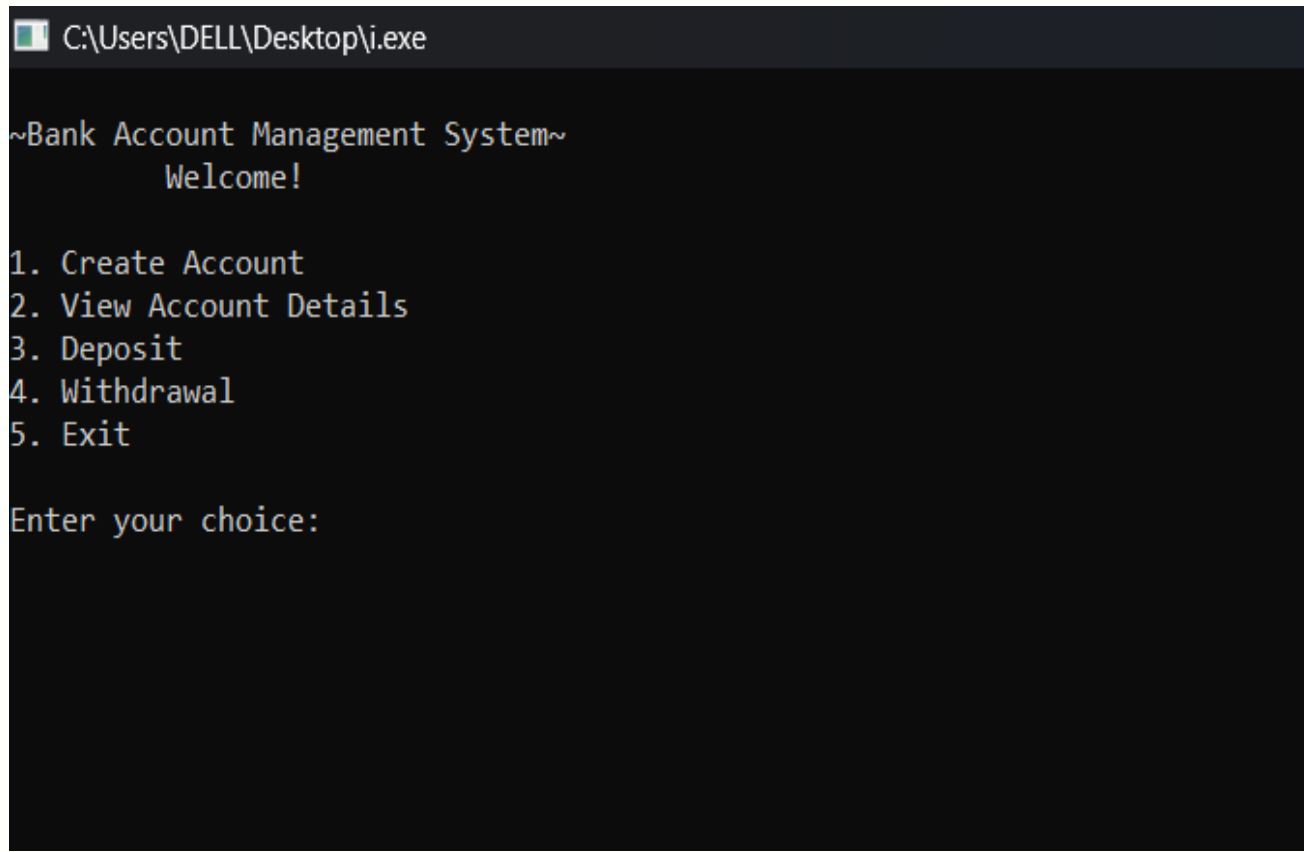
### **4. withdrawal ()**

When customer wants to get out some money, he can use this function. It asks account number and password. If we give correct details, then it asks amount which he want to withdrawal. After that the account balance will be updated.

### **5. exit ()**

In this we can exit from the bank management system after accomplish our task.

## Output screenshot



```
C:\Users\DELL\Desktop\j.exe

~Bank Account Management System~
Welcome!

1. Create Account
2. View Account Details
3. Deposit
4. Withdrawal
5. Exit

Enter your choice:
```

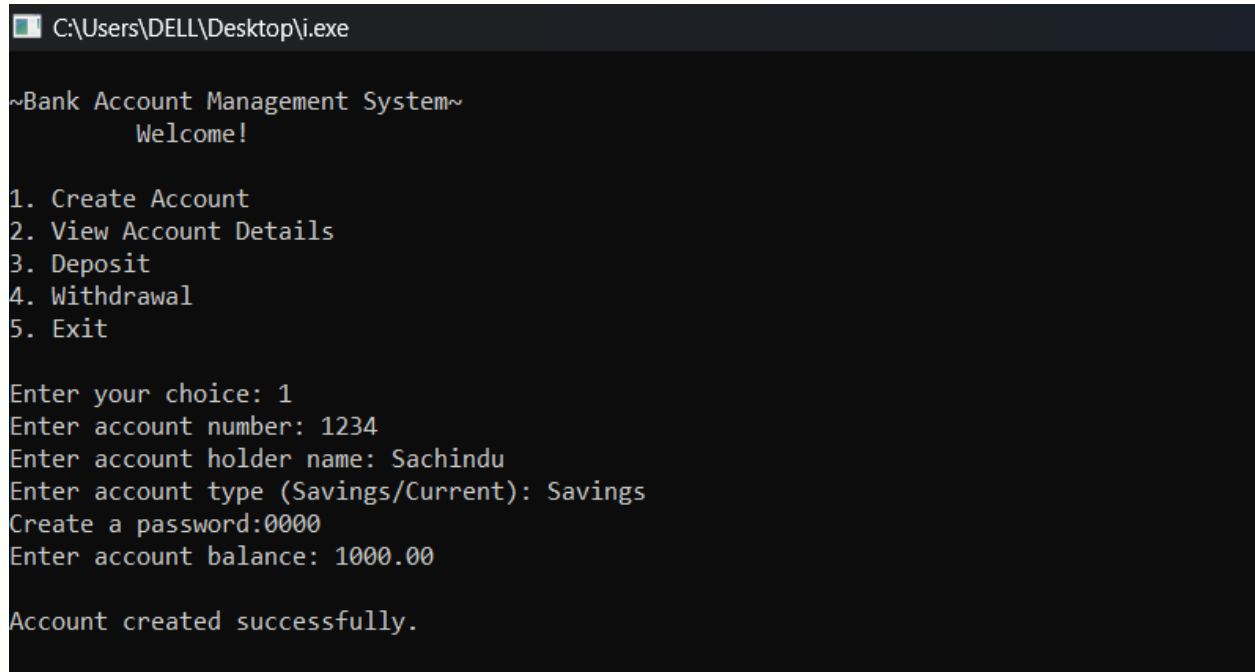
Compiled in Code-Blocks.

Compiler is **GNU GCC COMPILER.**

## Instructions

### 01. Create a new account:

First, we should choose a function which you want to use. If we want to create a new bank account, we can enter 1. Let's see how to create a new account.



```
C:\Users\DELL\Desktop\i.exe

~Bank Account Management System~
Welcome!

1. Create Account
2. View Account Details
3. Deposit
4. Withdrawal
5. Exit

Enter your choice: 1
Enter account number: 1234
Enter account holder name: Sachindu
Enter account type (Savings/Current): Savings
Create a password:0000
Enter account balance: 1000.00

Account created successfully.
```

In here I input some data which program asked from me. I entered account number, account holder name, account type, and new password, and balance. Then it printed account create successfully.

### 02. View account details:

if we want to check account details, we should enter number 2 as choice. let's see how it works.

```
~Bank Account Management System~  
  Welcome!  
  
1. Create Account  
2. View Account Details  
3. Deposit  
4. Withdrawal  
5. Exit  
  
Enter your choice: 2  
  
Enter Your password: 0000  
Enter account number to view: 1234  
Account Details:  
Account Number: 1234  
Account Holder Name: Sachindu  
Account Type: Savings  
Account Balance: 1000.00
```

In here you can see I selected 2 as my choice then I enter my password and account number correctly. So it displayed account details which I entered previously.

```
~Bank Account Management System~  
  Welcome!  
  
1. Create Account  
2. View Account Details  
3. Deposit  
4. Withdrawal  
5. Exit  
  
Enter your choice: 2  
  
Enter Your password: 0001  
Password is wrong.
```

If we couldn't enter password correctly, we can't see our details program tells password is wrong.

```
~Bank Account Management System~  
Welcome!
```

1. Create Account
2. View Account Details
3. Deposit
4. Withdrawal
5. Exit

```
Enter your choice: 2
```

```
Enter Your password: 0000
```

```
Enter account number to view: 3
```

```
Account not found.
```

Similarly, If we couldn't enter the account number correctly. It tells there is no account which is 3. Because of that when we see the account details, we should enter both account number and password correctly.

### 03. Deposit some money:

If you want to deposit some money first you should choose 3 as my choice. After that you must input password and account number correctly to deposit. Next you can enter the value which you want deposit. Then account balance will be updated.

### 04. Withdrawal some money:

If you want to withdrawal some money first you should choose 4 as my choice. After that you must input password and account number correctly to withdrawal. Next you can enter the value which you want withdrawal. Then account balance will be updated.

## 05. Input wrong choice:

When we try to input a value which is not in that list. It will take an error. Let's see.

```
~Bank Account Management System~  
  Welcome!  
  
1. Create Account  
2. View Account Details  
3. Deposit  
4. Withdrawal  
5. Exit  
  
Enter your choice: 6  
Invalid choice. Try again.
```

## 06. Exit from the program:

When we want to exits from the program. We can use exit function.

```
~Bank Account Management System~  
  Welcome!  
  
1. Create Account  
2. View Account Details  
3. Deposit  
4. Withdrawal  
5. Exit  
  
Enter your choice: 5  
~~Exiting Bank Account Management System.~~  
  Thank you!
```

## Limitations

1. When we enter the same account number to several times it happens incorrectly.
2. When we give inputs to password and account number it works therefore in this case it is wrong.

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