CHUBB®

GUVI - CHUBB
Assignment -8
Csharp Console Banking
Application

NAME:SHASHI KIRAN SUDANA
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DATE OF SUBBMISSION: 12-11-2024

OUPUT OF THE CODE IN CONSOLE:

```
=== Banking System ===
1. Register
2. Login
3. Exit
Choose an option: 1
=== User Registration ===
Enter username: SHASHI KIRAN  SUDANA
Enter password: 21BCE8644
Registration successful.

=== Banking System ===
1. Register
2. Login
3. Exit
Choose an option: 2
=== User Login ===
Enter username: SHASHI KIRAN  SUDANA
Enter password: 21BCE8644
Login successful.

=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 1
=== Open New Account ===
Enter account holder's name: SHASHI KIRAN  SUDANA
Enter account type (Savings/Checking): Savings
Enter initial deposit amount: 20
Account created successfully. Account Number: 100000
```

```
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 2
=== Process Transaction ===
Select an account by entering the account number:
- 100000 (savings)
100000
Enter transaction type (Deposit/Withdrawal): Deposit
Enter amount: 20
Deposit successful.

=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 2
=== Process Transaction ===
Select an account by entering the account number:
- 100000 (savings)
100000
Enter transaction type (Deposit/Withdrawal): Withdrawal
Enter amount: 10
Withdrawal successful.
```

```
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 3
=== Account Statement ===
Select an account by entering the account number:
- 100000 (savings)
100000
Account Number: 100000
Account Holder: SHASHI KIRAN  SUDANA
Account Type: savings
Current Balance: ₹ 30.00
Transaction History:
ID       Date              Type              Amount
1        12-11-2024        Initial Deposit ₹ 20.00
2        12-11-2024        Deposit ₹ 20.00
3        12-11-2024        Withdrawal        ₹ -10.00

=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 4
=== Calculate Interest ===
Select an account by entering the account number:
- 100000 (savings)
100000
Interest calculated and added to the account.
```

```
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 4
=== Calculate Interest ===
Select an account by entering the account number:
- 100000 (savings)
100000
Interest calculated and added to the account.

=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 5
=== Check Balance ===
Select an account by entering the account number:
- 100000 (savings)
100000
Current balance for Account 100000: ₹ 30.30
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 1
=== Open New Account ===
Enter account holder's name: shashi kiran
Enter account type (Savings/Checking): Savings
Enter initial deposit amount: 30
Account created successfully. Account Number: 100001
```

```
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 6
=== Fund Transfer ===
Select the source account by entering the account number:
- 100000 (savings)
- 100001 (savings)
100000
Select the destination account by entering the account number:
- 100001 (savings)
100001
Enter amount to transfer: 5
Transfer successful.
```

```
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 5
=== Check Balance ===
Select an account by entering the account number:
- 100000 (savings)
- 100001 (savings)
100000
Current balance for Account 100000: ₹ 25.30
```

```
=== User Menu ===
1. Open Account
2. Process Transaction
3. Generate Statement
4. Calculate Interest
5. Check Balance
6. Transfer Funds
7. Change Password
8. Logout
Choose an option: 8
Logged out successfully.

=== Banking System ===
1. Register
2. Login
3. Exit
Choose an option:
```