|  |
| --- |
| BankAccount (Parent) |
| +accNum : string  +accBalance : long double  +annualIR : double  +annualSC : double  +BankAccount() :  +BankAccount(num : string, balance : long double, interestRate : double) :  +deposit(amount : long double) : virtual void  +withdraw(amount : long double) : virtual void  +calcInt(balance : double) : double  +yearlyCharge() : void  +closeAcc() : virtual void |

|  |  |
| --- | --- |
| Checking Account(Child) | Savings Account(Child) |
| +flag : bool  +CheckingAccount() :  +CheckingAccount(num : string, balance : long double, interestRate : double) :  +checkings() : void  +deposit(amount : long double) : void  +withdraw(amount : long double) : void | +status : bool  +SavingsAccount() :  +SavingsAccount(num : string, balance : long double, interestRate : double) :  +deposit(amount : long double) : void  +withdraw(amount : long double) : void  +calcInterest(accBalance : long double) : void |