**Class: SavingsAccount**

**Data**

NAME TYPE DESCRIPTION

balance double current account balance  
interestRate double current interest rate  
accountNumber string account number  
customerID string customer ID  
compoundFreq int number of times in a   
 year interest is applied

**Methods**

NAME TYPE PARAM DESCRIPTION

SavingsAccount None double, double Constructor  
 string, string, int   
getBalance double none return balance  
getInterestRate double none return interestRate  
getAccountNumber string none return   
 accountNumber  
getCustomerID string none return customerID  
getCompoundFreq int none return compoundFreq  
deposit void double adds an amount to   
 balance  
withdraw void double subtracts an amount   
 from balance  
setInterestRate void double assigns a new value to   
 interestRate