## Problem Statement: BankAccount

**This exercise should be completed by completing the code**

-Below is the summary of the solution provided

-class BankSavingsAccount implements Banking

- initialBalance, initialInterest are set to zero by default constructor

- parameterised constructor initializes the initialBalance, initialInterest with the required values

- contains the following methods for bank transactions

+getBalance() : double

-will return the Initial balance,deposited balance if the add interest method is not called otherwise balance will be updated.

+addInterest() : String

-Interest should be added to the balance and return appropriate message based on the interest.

+deposit(double amount) : double

-overrides method deposit that returns a double

+transfer(double transferAmount) : String

-overrides method transfer that returns a message "Insufficient funds" when the transfer amount is grater than balance or the method returns "Transaction succcessful" message when transfer amount is lesser than or equal to balance

+withdraw(double amount) : String

-overrides method withdraw that returns a message "Insufficient funds" when the withdraw amount is grater than balance or the method returns "Transaction successful" message when withdraw amount is lesser than or equal to balance and the balance amount is updated.

-Interface Banking -Contains the below abstract methods which will be overridden in the implementing class

+transfer(double transferAmount) : String

+withdraw(double amount) : String

+deposit(double amount) : double

## Instructions

-Avoid printing unnecessary values other than expected output as given in sample

-Take care of whitespace/trailing whitespace

-Do not change the provided class/method names unless instructed

-Follow best practices while coding