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// Introduction to Windows and Web Applications in C#  
// Example solution to the bank account assignment 04  
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```
using System;  
using System.Collections.Generic;  
using System.Linq;  
using System.Text;  
  
namespace Solution04  
{  
    class BankAccount  
    {  
        private int id = 0;  
        public int ID {  
            get { return id; }  
            set { id = value; }  
        }  
  
        private decimal balance = 0;  
        public decimal Balance {  
            get { return balance; }  
            set { balance = value; }  
        }  
  
        public BankAccount(decimal openingBalance, int newID)  
        {  
            Balance = openingBalance;  
            ID = newID;  
        }  
  
        public decimal Deposit(decimal amount)  
        {  
            Balance += amount;  
            return Balance;  
        }  
  
        public decimal Withdraw(decimal amount)  
        {  
            Balance -= amount;  
            return Balance;  
        }  
    }  
}
```