

```
//
// DebitAccount.m
// bankApplication
//
// Created by Rozzles on 30/01/2014.
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//

#import "DebitAccount.h"

@implementation DebitAccount

//Adds the account type to the name of the superclass's Description and
//returns an NSString
-(NSString *)description
{
    return [NSString stringWithFormat:@"Debit: %@", [super description]];
}

//Withdraw method which applies the individual account behaviours to the
//withdrawal process. - Checks for the minimum balance and performs
//applicable transaction fees then removes the balance from the superclass
//double 'AccountBalance'
-(void)withdraw:(double)ammount
{
    int tempBalance = super.AccountBalance - ammount ;
    if (tempBalance > -30)
    {
        super.AccountBalance = tempBalance;
    }
}

//Simulates the interest of a year depending on the account type then adds
//this to the superclass double 'AccountBalance'
-(void)simulateInterestYear
{
    if (super.AccountBalance > 0)
    {
        super.AccountBalance = super.AccountBalance*1.01;
    }
    else
    {
        super.AccountBalance = -super.AccountBalance*1.1;
    }
}

@end
```