

## **Assignment #**

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Course: CECS 220-01-4168  
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## 1. PP 5.10

Add an if statement to validate the withdrawal amount. The amount cannot be larger than the balance on the account.

```
//-----  
// Withdraws the specified amount from the account and applies the fee. Returns the new balance.  
//-----  
public double withdraw (double amount, double fee)  
{  
    if(amount > balance)  
    {  
        System.out.println ();  
        System.out.println ("Insufficient Funds.");  
        System.out.println ("Account: " + acctNumber);  
    }  
    else  
        balance = balance - amount - fee;  
    return balance;  
}
```

Add an if statement to validate that the deposit is not a negative number.

```
//-----  
// Deposits the specified amount into the account. Returns the new balance.  
//-----  
public double deposit (double amount)  
{  
    if(amount < 0)  
    {  
        System.out.println();  
        System.out.println ("Error: Deposit amount is invalid.");  
        System.out.println("Please enter a number larger than 0");  
    }  
    else  
        balance = balance + amount;  
    return balance;  
},  
//
```

### Console

<terminated> Account [Java Application] C:\Program Files\Java\jre1.8.0\_101\bin\javaw.exe (Sep 30, 2016, 7:39:30 PM)

Smith balance after deposit: 540.0

Smith balance after withdrawal: 107.75

72354	Ted Murphy	\$132.90
69713	Jane Smith	\$111.52
93757	Edward Demsey	\$785.90