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#!/bin/bash
#
# Author: Michael Kepple
# Date: 24 Jan 2013
#
# This script helps users sort their tax deduction information.
#
printf "Welcome to Michaels TaxPrep Software\n"
printf "Enter Output File: "
read file
while true
do
    printf "Transaction type: "
    read type
    printf "Date (YYYYMMDD): "
    read date
    printf "Payee: "
    read payee
    printf "Description: "
    read desc
    printf "Category: "
    read category
    printf "Amount: "
    read amount
    echo $type $date $payee $desc $category $amount >> $file
    sort -k 5,5 -k 2,2 -k 3,3 $file -o $file
done
```

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Test

Prompt:

```
Welcome to Michaels TaxPrep Software
Enter Output File: foo
Transaction type: Visa
Date (YYYYMMDD): 20130102
Payee: NeverSummer
Description: Board
Category: Snowboard
Amount: 400
Transaction type: Visa
Date (YYYYMMDD): 20130101
Payee: NeverSummer
Description: Bindings
Category: Snowboard
Amount: 150
Transaction type: Visa
Date (YYYYMMDD): 20130420
Payee: Microsoft
Description: Upgrade
Category: Computer
Amount: 200
Transaction type: Visa
Date (YYYYMMDD): 20130420
Payee: Apple
Description: Crap
Category: Computer
Amount: 1000
Transaction type: Visa
Date (YYYYMMDD): 20130420
Payee: Oracle
```

taxprep

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Description: Stuff

Category: Computer

Amount: 300

Transaction type: ^C

Output file foo:

Visa 20130420 Apple Crap Computer 1000

Visa 20130420 Microsoft Upgrade Computer 200

Visa 20130420 Oracle Stuff Computer 300

Visa 20130101 NeverSummer Bindings Snowboard 150

Visa 20130102 NeverSummer Board Snowboard 400

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