Homework # 4

Exercise #1:

1. Write a program using PROC CONTENTS that lists all the SAS data sets in the folder STAT46.

    a. Provide the program/code, the log and the output.

    b. Comment on the output tables

2. Provide the descriptor portion of the SAS data set 'J:\Classes\STAT46\Banking.sas7bdat' with a table providing the variable listed as in the data set (use the appropriate option)

    a. Provide the program, log and output

    b. Comment on the output tables

3. Provide the Data portion of the SAS data set 'J:\Classes\STAT46\myaccount.sas7bdat'

    a. Provide the program/code, the log and the output

    b. Comment on the output tables

4. Create a new data set 'Credit' then use the SET statement to calculate the variable 'Balance=Deposit-Withdrawl' using the data from the SAS data set 'myaccount'.

    a. Provide a table with the variables: Account, Gender and Balance.

    b. Provide the program/code, the log and the output.

5. Use the appropriate PROC CONTENTS option to create two tables one with the variables listed in the alphabetical order and one with the variables listed as in the SAS data set. Comment.

Exercise #2:

a. Create permanent SAS data sets using the right Informats for each of these data sets.

b. Examine the descriptor portion for each of the SAS data sets, using the Proc Contents and the right option to provide variables listed as in the data set, and comment on it.

c. Provide the data portion, with an appropriate title, using the Proc Print.

Data Set #1:

```
1---+----10---+----20---+
Avery John         $601.23
Davison Sherrill $723.15
Holbrook Grace     $489.76
Jansen Mike        $638.42
```

Data Set #2:

```
1---+----10---+----20---+----30
2803 Deborah Campos   173.97
2912 Bill    Marin    205.14
3015 Helen   Stinson  194.08
3122 Nicole  Terry    187.65
```

Data Set #3:

Henderson : CA : 26 : ADM
Josephs : SC : 33 : Sales
Williams : MN : 40 : HRD
Rogan : NY: 35 : RECTRN