```
*STEP 1 ;
/*************************************************************************
*********************************************/
/*1. Program Name:Vivek235_HW03_Program.sas

                  */
/* Program Location:
C:\Users\vigupta\OneDrive\Learning\DataScience\Statistics Texas A&M
University\657\Homework\Assignment03\Assignment\Vivek235_HW03_Program.sas
      */
/* Date Created: 1/23/17

                  */
/* Author: Vivek Kumar Gupta

            */
/* Purpose: Utilize skills learnt through SATs 604 course/Base SAS Programmer
and practice lectures 01-04 of STAT 657.                                  */
/*************************************************************************
*********************************************/

*STEP 1 ;
*1.Create the necessary library references for data sources and destination
and file references for output ;
libname orion  'C:\Users\vigupta\OneDrive\Learning\DataScience\Statistics
Texas A&M University\657\SQL Files' access=readonly;
libname Unicorn  'C:\Users\vigupta\OneDrive\Learning\DataScience\Statistics
Texas A&M University\657\Homework\Assignment03\SourceData' access=readonly;
libname output  'C:\Users\vigupta\OneDrive\Learning\DataScience\Statistics
Texas A&M University\657\Homework\Assignment03\PermUserLibrary' ;

filename pdfdevA 'C:\Users\vigupta\OneDrive\Learning\DataScience\Statistics
Texas A&M
University\657\Homework\Assignment03\PermUserLibrary\Vivek235_HW03_OutputA.pd
f';
filename pdfdevB 'C:\Users\vigupta\OneDrive\Learning\DataScience\Statistics
Texas A&M
University\657\Homework\Assignment03\PermUserLibrary\Vivek235_HW03_OutputB.pd
f';

option date dtreset;


/*STEP 2. Create two user-defined formats that can be used to enhance the way
values are displayed.*/

proc format ;
value $gender 'm'='Male'
                   'M'='Male'
                   'f'='Female'
                   'F'='Female'
                   other='Unknown.';
run;

proc format;
value salary low-26000 ='Very Low'
                  26000<-50000='Low'
```

```
                    50000<-75000='Medium'
                    75000<-100000='High'
                    100000<-high='Very High';
run;

/* STEP 3. Write a PROC step that will send a listing of all the available
styles to the default output destination.*/

proc template ;
list styles;
run;

/*STEP 4. Close all open ODS destinations*/
ods _ALL_ close;



/*STEP 4. Open two PDF destinations to capture the output from the procedures
that follow.
Do not apply a style to the first output destination and use an option that
will prevent it from creating
the table of contents/bookmarks. Use a similar name for the second PDF file
except end the name with
outputB. Apply the FancyPrinter style to the second ODS PDF output. Create
the PDF bookmarks on the second
PDF file but do not show them by default.*/
ods pdf (ID=OutputA)file = pdfdevA notoc bookmarkgen=no;
ods pdf (ID=OutputB)file = pdfdevB style=FancyPrinter bookmarkgen=yes
bookmarklist=hide ;

/*STEP 5. Run a procedure to list all of the data sets in the Orion data
library without showing the details of each data set.*/

title"Data Sets Available from Orion";
title3"For Use by Acquisition Group";
footnote"Note: This output is being sent to two separate documents.";

proc contents data=orion._all_ nods ;
run;

/*STEP 6. Turn off the printing of the date at the top of the page for the
remainder of the output.*/
option nodate;

/*STEP 7. Run a procedure that will print the descriptor portion of the
Unicornstaff data set downloaded from eCampus.*/
title"Analysis of Unicorn Athletics Staff List";
title2"Layout of Data Recovered from CEO's Laptop";
proc contents data=unicorn.unicornstaff ;
run;


/*STEP 8. Close the outputA destination so that it only contains the output
of the two procedures executed above.*/
ods pdf (ID=OutputA) close ;

title"Analysis of Unicorn Athletics Staff List";
```

```
title3"Unicorn Employees Still Working";
footnote;

/*STEP 9. Print a subset of the data portion of the Unicornstaff as
instructed*/
proc print data=unicorn.unicornstaff noobs ;
 var Emp_ID
      Hire_dt
      Job_Title
      Salary
      Gender;
      where TrueUnicorn='Yes' and  missing(Term_Dt);
      format Gender $gender.
                  Salary salary.
                  Hire_Dt ddmmyy10.;
run;

/*STEP 10. Close second pdf and do regular houskeeping*/
ods pdf (ID=OutputB) close ;
title;
option date dtreset;
```