**proc** **import** out = a

datafile = 'D:\SAS MATERIAL\SAS\SAS Project for Differant domains\SAS case study\Clinical project\project\database.xls'

DBMS = Excel replace;

sheet = 'history1';

**run**;

**proc** **import** out = Age

datafile = 'D:\SAS MATERIAL\SAS\SAS Project for Differant domains\SAS case study\Clinical project\project\database.xls'

DBMS = Excel replace;

sheet = 'ptdetails';

**run**;

**proc** **import** out = Visit

datafile = 'D:\SAS MATERIAL\SAS\SAS Project for Differant domains\SAS case study\Clinical project\project\database.xls'

DBMS = Excel replace;

sheet = 'Visit2';

**run**;

**proc** **import** out = BP

datafile = 'D:\SAS MATERIAL\SAS\SAS Project for Differant domains\SAS case study\Clinical project\project\database.xls'

DBMS = Excel replace;

sheet = 'CEV1V2';

**run**;

/\*1. Average Age of Patient \*/

**data** age1;

set Age;

keep Age;

**run**;

**proc** **means** data = age1 N Mean Std ;

**run**;

/\*2. Average Age of Patient by gender\*/

**data** age2(keep= Age Sex1);

length Sex1 $ **10.**;

set Age;

If Sex = **1** then Sex1 = 'Male' ;

Else Sex1 = 'Female';

drop Sex;

**run**;

**proc** **sort** data = age2;

by Sex1;

**run**;

**proc** **means** data = age2 N Mean Std ;

class Sex1;

**run**;

/\*3. Analysis of Smoking History and Alcohol Consumption\*/

**data** hist;

set a;

if Smoking NE '';

keep Ptid Smoking Alcohol;

**run**;

/\*4. Creating Table to know the habits of patients intern of Smoking and Alcohol intake\*/

**data** hist1;

set a;

If Smoking = 'Y' And Alcohol = 'Y';

keep Ptid Smoking Alcohol;

**run**;

/\*5. Simple descriptive Statistic on patient Habits \*/

**Data** habits;

set A;

keep Ptid Smoking Smkyncig Smkyyears Alcohol Alcyndpw;

**run**;

**Data** BP1;

set BP;

Keep Ptid Visit Pulse Bpsystolic Bpdiastolic;

**run**;

**Data** BP\_v1;

set BP;

Keep Ptid Visit Pulse Bpsystolic Bpdiastolic;

If Visit = **1**;

drop Ptid visit;

**run**;

**Data** BP\_v2;

set BP;

Keep Ptid Visit Pulse Bpsystolic Bpdiastolic;

If Visit = **2**;

drop Ptid Visit;

**run**;

Title1 'Means of Blood Pressure and Pulse Rate for Visit1';

**proc** **means** data = BP\_v1 Mean maxdec=**2** ;

**run**;

Title1 'Means of Blood Pressure and Pulse Rate for Visit2';

**proc** **means** data = BP\_v2 Mean maxdec=**2**;

**run**;

Title1 'Simple descriptive Statistic on patient Pulse rate and Blood Pressure Visit1';

**proc** **means** data = BP\_v1 maxdec=**2** ;

**run**;

Title1 'Simple descriptive Statistic on patient Pulse rate and Blood Pressure Visit2';

**proc** **means** data = BP\_v2 maxdec=**2**;

**run**;

**proc** **import** out = labtesting

datafile = 'D:\SAS MATERIAL\SAS\SAS Project for Differant domains\SAS case study\Clinical project\project\database.xls'

DBMS = Excel replace;

sheet = 'labtesting';

**run**;

**Data** labtesting1;

set labtesting;

keep Wbc;

if WBC = **.** then WBC = **0**;

**run**;

**proc** **means** data = labtesting1 maxdec=**2**;

**run**;

Title1 'Summary of Urine Analysis, Pregnancy and ECG';

**Data** labtesting2;

set labtesting;

keep Ptid Urineanalysis Urinepregnancy Ecg;

**run**;

**proc** **sort** data = labtesting2; by Ptid Urineanalysis Urinepregnancy Ecg;**run**;

**proc** **tabulate** data=labtesting2;

class Ptid Urineanalysis Urinepregnancy Ecg;

table Ptid='Patient Id',

Urineanalysis\*Urinepregnancy\*Ecg\*F=**6.** / RTS=**13.**;

**run**;

/\*Migraine Attack\*/

**proc** **import** out = mgattack

datafile = 'D:\SAS MATERIAL\SAS\SAS Project for Differant domains\SAS case study\Clinical project\project\database.xls'

DBMS = Excel replace;

sheet = 'mgattack';

**run**;

**Data** Mga1;

set mgattack;

keep V1attksincemonths V1attkfreqpm V1durationattk;

**run**;

**proc** **means** data = Mga1 maxdec=**2**;

**run**;