**Homework-08**

**STAT-6250 SAS Programming**

**Chinki Rai**

**21th November 2017**

**/\*Chapter-18\*/**

**Problem-01**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

title "Table";

**proc** **format**;

value $schoolsize 'L' ='Large'

'M'='Medium'

'S'='small';

value $scholarship 'N'='No'

'Y'='yes' ;

**run**;

**proc** **tabulate** data=learn.college format=**6.**;

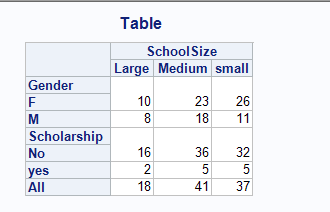
class Gender scholarship Schoolsize;

table Gender Scholarship all, schoolsize\*n='';

format Schoolsize $schoolsize. Scholarship $scholarship.;

**run**;

**Output:**

****

**Problem-02**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

title "Table";

**proc** **format**;

value $schoolsize 'L' ='Large'

'M'='Medium'

'S'='small';

value $scholarship 'N'='No'

'Y'='yes' ;

**run**;

**proc** **tabulate** data=learn.college format=**6.**;

class Gender scholarship Schoolsize;

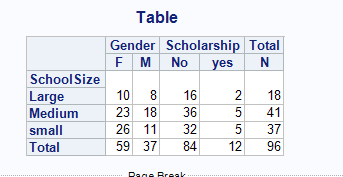
tables schoolsize all , Gender\*n='' Scholarship\*n='' all /rts=**15** ;

format Schoolsize $schoolsize. Scholarship $scholarship.;

keylabel n='' All= 'Total';

**run**;

**Output:**

****

**Problem-03**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

title "Table";

**proc** **format**;

value $schoolsize 'L' ='Large'

'M'='Medium'

'S'='small';

value $scholarship 'N'='No'

'Y'='yes' ;

**run**;

**proc** **tabulate** data=learn.college format=**6.**;

class Gender scholarship Schoolsize;

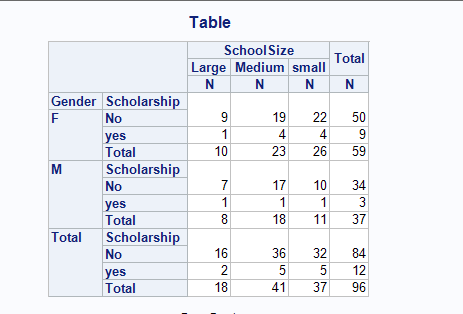
tables (Gender all)\* (Scholarship all) , schoolsize all /rts=**15** ;

format Schoolsize $schoolsize. Scholarship $scholarship.;

keylabel n='' All= 'Total';

**run**;

**Output:**

****

**Problem-06**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

title "Table";

**proc** **format**;

value $schoolsize 'L' ='Large'

'M'='Medium'

'S'='small';

value $scholarship 'N'='No'

'Y'='yes' ;

**run**;

**proc** **tabulate** data=learn.college format=**6.1**;

class Gender ;

var GPA ClassRank;

tables GPA\*(n\*f=**4.** mean) ClassRank\*(n\*f=**4.** mean) , Gender all;

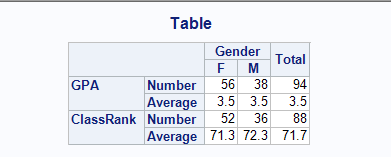
keylabel n='Number'

all='Total'

mean='Average';

**run**;

**Output:**

****

**/\*Chapter-19\*/**

**Problem-04**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

ods rtf file='C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets\surveyresult.rtf';

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

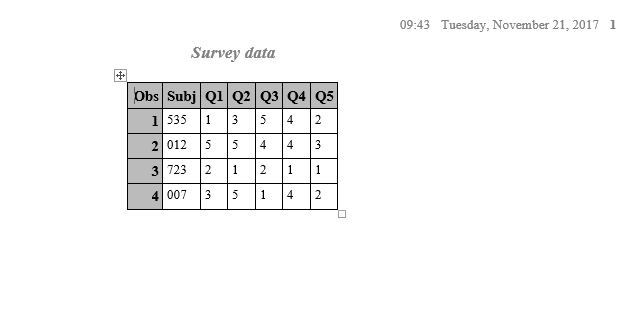
title "Survey data";

**proc** **print** data=learn.survey1;

**run**;

ods rtf close;

**Output:**

**Please look attached file **

**/\*Chapter-20\*/**

**Problem-08**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

title "Scatter plot ";

**proc** **sort** data=learn.fitness out=fitness;

by RestPulse;

**run**;

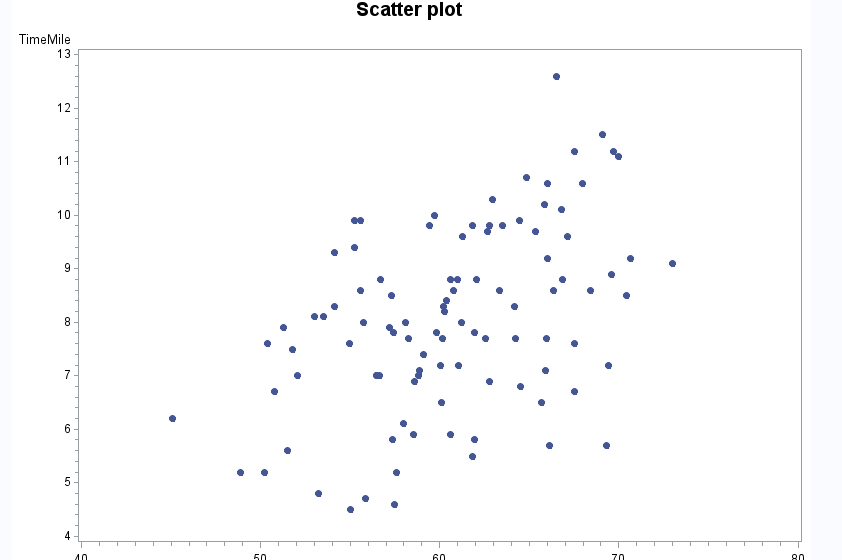
symbol value=dot ;

**proc** **gplot** data=fitness;

plot TimeMile \* RestPulse;

**run**;

Output:

****

**Problem-09**

**SAS Code**

\*Program name: Homework 08 is stored in C:\Computational Statistics\4th Quater\SAS\Homework.

Programmer: Chinki Rai

Date Written: 21 Nov 2017;

libname learn 'C:\Users\chink\Google Drive\Computational Statistics\4th Quater\SAS\SAS\_DataSets';

title "Stock Prices by Time";

symbol value=dot i=sm;

**proc** **gplot** data=learn.stocks;

plot Price \* Date;

**run**;

**quit**;

**Output:**

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