\*We will input this data set using list input in two different ways:

1. With one row per observation

2. Using the @@ symbol for reading multiple observations per row.;

**DATA** question1a;

INPUT Dosage Beats;

DATALINES;

0.50 10

0.75 8

1.00 12

1.25 12

1.50 14

1.75 12

2.00 16

2.25 18

2.50 17

2.75 20

3.00 18

3.25 20

3.50 21

;

**PROC** **PRINT** data=question1a;

**RUN**;

**DATA** question1b;

INPUT Dosage Beats @@;

DATALINES;

0.50 10 0.75 8 1.00 12 1.25 12 1.50 14 1.75 12

2.00 16 2.25 18 2.50 17 2.75 20 3.00 18 3.25 20 3.50 21

;

**PROC** **PRINT** data=question1b;

**RUN**;

\*The file ch15\_dat.txt is located in the D2L,...Handson\Handson1folder. Download

the data and save it into the local folder you created. We will be using an INFILE statement

and column input to read and created a temporary SAS data set. We will then created a

permanent SAS data set.;

LIBNAME questn2 "E:\DATS7510\SAS\Christopher-Brunswick";

\*PROC FORMAT;

\*VALUE fmtpatint;

\*VALUE fmtinstitution

0 = "Memorial Sloan-Kettering"

1 = "Mayo Clinic"

2 = "John Hopkins";

\*VALUE fmtgroup

1 = "Study"

0 = "Control";

\*VALUE fmtmod

0 = "Routine Cytology"

1 = "Routine X-ray"

2 = "Both X-ray and Cytology"

3 = "Interval";

\*VALUE fmtcelltype

0 = "Epidermoid"

1 = "Ardenocarcinoma"

2 = "Large Cell"

3 = "Oat Cell"

4 = "Other";

\*VALUE fmtstgea;

\*VALUE fmtstgeb;

\*VALUE fmtstgec;

\*VALUE fmtstged;

\*VALUE fmtoperated

1 = "yes"

0 = "no";

\*VALUE fmtsurvint;

\*VALUE fmtsurvivalcat

0 = "Alive"

1 = "Dead of lung cancer"

2 = "Dead of other causes";

\*RUN;

\*creating new variables;

**DATA** question2a;

INFILE "E:\SASProgrammingPractice\PracticeonclassM\ch15\_dat.txt" DLM='09'X;

INPUT PatientID **1**-**4** Institution **7** Group **11** MOD **15** CT **19** StgeA **23** StgeB **27** StgeC **30** StgeD **33**

Oper **37** SurvInt **41**-**44** SurvCat **48**

;

\*FORMAT PatientID fmtpatint. 1-4 Institute fmtinstitution. 7 Group fmtgroup. 11 MOD fmtmod. 15 CellT fmtcelltype. 19

StageA fmtstgea. 23 StageB fmtstgeb. 27 StageC fmtstgec. 30 StageD fmtstged. 33 oper fmtoperated. $37

SurvInt fmtsurvInt. 41-44 SurvCat fmtsurvivalCat. $48;

**DATA** questn2.Tumor;

SET question2a;

**RUN**;

\*TXT File "HOUSEHLD1.TXT" is part of census data set and is located in the D2L -

HandsOn/Handson1 folder. We would like to get the following information to create a

permanent SAS data named "househldCensus".;

LIBNAME questn3 "D:\DATS7510\SAS\Christopher-Brunswick";

**DATA** question3a;

INFILE "D:\SASProgrammingPractice\Homework1\HOUSEHLD1.txt";

INPUT HHX **7**-**12** REGION $**42** WTIA **44**-**48** **.1** WTFA\_HH **51**-**54** STRATUM **55**-**57** GENDER **58**;

**DATA** questn3.househldCensus;

SET question3a;

**PROC** **PRINT** data=questn3.househldCensus;

**RUN**;

\*Practice the IMPORT and EXPORT;

LIBNAME MD "D:\DATS7510\SAS\Christopher-Brunswick\mice";

**PROC** **IMPORT** OUT=WORK.MiceDiet1

DATAFILE= "D:\DATS7510\SAS\MiceDiet.xls"

DBMS= EXCEL REPLACE;

RANGE= "SHEET1$";

GETNAMES= YES;

MIXED= NO;

SCANTEXT= YES;

USEDATE= YES;

SCANTIME= YES;

\*PROC PRINT DATA=MiceDiet1;

**RUN**;

\*DATA micedat.MiceDiet;

**DATA** MD.MiceDiet;

SET WORK.MiceDiet1;

DROP TotalBMC TotalBMD;

\*PROC PRINT data=MD.MiceDiet;

**RUN**;

\*DONT FORGET THE SEMICOLON AFTER DBMS;

\*PROC EXPORT DATA=MD.MiceDiet

OUTFILE= "D:\DATS7510\SAS\MiceDiet2.xls"

DBMS=EXCEL REPLACE;

\*SHEET="Firstsheet";

\*RUN;

\*PROC SORT DATA=MD.MiceDiet; \*out=order;

\*by Cage;

\*run;

**PROC** **MEANS** DATA=MD.MiceDiet;

VAR WT

TITLE "Mice Diet Data";

**RUN**;