\*question 1a;

**Data** blistertreatment;

input Treatments $**1**-**10** days **11**-**13**;

datalines;

placebo 5

placebo 8

placebo 7

placebo 7

placebo 10

placebo 8

Treatment1 4

Treatment1 6

Treatment1 6

Treatment1 3

Treatment1 5

Treatment1 6

Treatment2 6

Treatment2 4

Treatment2 4

Treatment2 5

Treatment2 4

Treatment2 3

Treatment3 7

Treatment3 4

Treatment3 6

Treatment3 6

Treatment3 3

Treatment3 5

Treatment4 9

Treatment4 3

Treatment4 5

Treatment4 7

Treatment4 7

Treatment4 6

;

**proc** **print** DATA=blistertreatment;

**run**;

\*question 1b;

**Data** blistertreatment1;

input Treatment $ days @@;

Datalines;

placebo 5 placebo 8 placebo 7 placebo 7 placebo 10 placebo 8

Treatment1 4 Treatment1 6 Treatment1 6 Treatment1 3 Treatment1 5 Treatment1 6

Treatment2 6 Treatment2 4 Treatment2 4 Treatment2 5 Treatment2 4 Treatment2 3

Treatment3 7 Treatment3 4 Treatment3 6 Treatment3 6 Treatment3 3 Treatment3 5

Treatment4 9 Treatment4 3 Treatment4 5 Treatment4 7 Treatment4 7 Treatment4 6

;

**proc** **print** DATA=blistertreatment1;

**run**;

\*question2a-b;

**DATA** BloodPressure;

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

INPUT Id **1**-**2** RecumbentSBP **9**-**11** RecumbentDBP **17**-**18** StandingSBP **25**-**27** StandingDBP **33**-**34**;

**PROC** **PRINT** DATA=BloodPressure;

**RUN**;

\*question3;

\*can not use COLUMN INFORMAT and DATE INFORMAT simultaneously

use pointer @ to point to column;

**DATA** Babies;

INFILE "D:\SASProgrammingPractice\Homework1\Babies\babies.txt";

INPUT sex $**1**-**6** prenatalcare $**9**-**12** smokestatus $**17**-**19** gestationwks **25**-**26** BWingrams **33**-**36**

LengthinIN **41**-**44** @**49** DOB mmddyy8.;

**PROC** **PRINT** DATA=Babies;

**RUN**;

\* in order to create a permanent SAS data set use keyword LIBNAME

then name the folder you want to create (a) and input the file path where you want to save the data set

then create a new DATA name by inputing the library (data set name) -> (a) followed by a period. The (a) is the first

level (data set name). Then create a second level (baby) which is the member name that uniquely identifies the data set

with the library.;

\*question4;

**Data** TEMP;

INFILE "D:\SASProgrammingPractice\Homework1\Person.txt" firstobs=**2**;

INPUT RECTYPE $**1**-**2** HHX $**7**-**12** FMX $**13**-**14** PX $**15**-**16** SEX $**18** AGE\_P **19**-**20** R\_AGE1 $**21** R\_AGE2 $**22**

DOB\_M $**23**-**24** DOB\_Y\_P $**25**-**28** ORIGIN\_I **29** ORIGIMPT **30** HISPAN\_I **31**-**32** HISPIMPT **33** RACERPI2 **34**-**35** RACEIMP2 **36**

MRACRPI2 **37**-**38** MRACBPI2 $**39**-**40** RACRECI2 $**41** FMRPFLG $**61** ASTATFLG $**84** REGION $**87** WTIA **89**-**93** WTFA **96**-**99**

STRATUM $**100**-**102** PSU $**103**;

LIBNAME Person "D:\SASProgrammingPractice\Homework1\New Iibrary";

**Data** Person.Personal;

SET TEMP;

IF ASTATFLG~=**.**;

**RUN**;