

```

*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 inputting 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 Library";
Data Person.Personal;
SET TEMP;
IF ASTATFLG~=.;
RUN;
```