```
libname mylib "P:\";
filename bigrec "P:\FA15_data.txt"  lrecl = 65576;
data mytemp;
infile bigrec;
input
myid 1-7

Want_More_COS_ALot 7119
Want_More_COS_ALittle 7138
Want_More_COS_NEDI 7176
Want_More_COS_DLittle 7203
Want_More_COS_DLot 7222

INFO_Me_ALot 7123
INFO_ME_ALittle 7142
INFO_ME_NEDI 7180
INFO_ME_DLittle 7218
INFO_ME_DLot 7214

RISKY_INFO_ALot 7125
RISKY_INFO_ALittle 7144
RISKY_INFO_NEDI 7182
RISKY_INFO_DLittle 7201
RISKY_INFO_DLot 7220

Companies_Priv_ALot  7116
Companies_Priv_ALittle 7135
Companies_Priv_NEDI 7173
Companies_Priv_DLittle 7211
Companies_Priv_DLot 7192

Net_Free_Time_ALot 5490
Net_Free_Time_ALittle 5528
Net_Free_Time_NEDI 5604
Net_Free_Time_DLittle 5642
Net_Free_Time_DLot 5680

NET_Plan_Travel_ALot 5506
NET_Plan_Travel_ALittle 5544
NET_Plan_Travel_NEDI 5620
NET_Plan_Travel_DLittle 5658
NET_Plan_Travel_DLot 5696

NET_Change_Work_ALot 5499
NET_Change_Work_ALittle 5537
NET_Change_Work_NEDI 5613
NET_Change_Work_DLittle 5651
NET_Change_Work_DLot 5689

Comp_Source_Fun_ALot 6955
Comp_Source_Fun_ALittle 6972
Comp_Source_Fun_NEDI 7006
Comp_Source_Fun_DLittle 7023
Comp_Source_Fun_DLot 7040
```

```
IPHONE 7986;
run;

proc format;
value myscale
     1 = "disagree a lot"
     2 = "disagree a little"
     3 = "neither agree nor disagree"
     4 = "agree a little"
     5 = "agree a lot";
value yesno
     0 = "no"
     1 = "yes";
run;
data myvars;
set mytemp;
if Want_More_COS_ALot = 1 then WMC=5;
if Want_More_COS_ALittle = 1 then WMC=4;
if Want_More_COS_NEDI=1 then WMC=3;
if Want_More_COS_DLittle=1 then WMC=2;
if Want_More_COS_DLot=1 then WMC=1;

if INFO_ME_ALot=1 then PINFO=5;
if INFO_ME_ALittle=1 then PINFO=4;
if INFO_ME_NEDI =1 then PINFO=3;
if INFO_ME_DLittle =1 then PINFO=2;
if INFO_ME_DLot =1 then PINFO=1;

if RISKY_INFO_ALot=1 then RISKY=5;
if RISKY_INFO_ALittle=1 then RISKY=4;
if RISKY_INFO_NEDI=1 then RISKY=3;
if RISKY_INFO_DLittle=1 then RISKY=2;
if RISKY_INFO_DLot=1 then RISKY=1;

if Companies_Priv_ALot=1 then Priv=5;
if Companies_Priv_ALittle=1 then Priv=4;
if Companies_Priv_NEDI=1 then Priv=3;
if Companies_Priv_DLittle=1 then Priv=2;
if Companies_Priv_DLot=1 then Priv=1;

if Net_Free_Time_ALot=1 then Net_Free=5;
if Net_Free_Time_ALittle=1 then Net_Free=4;
if Net_Free_Time_NEDI=1 then Net_Free=3;
if Net_Free_Time_DLittle=1 then Net_Free=2;
if Net_Free_Time_DLot=1 then Net_Free=1;

if NET_Plan_Travel_ALot=1 then Net_Travel=5;
if NET_Plan_Travel_ALittle=1 then Net_Travel=4;
if NET_Plan_Travel_NEDI=1 then Net_Travel=3;
if NET_Plan_Travel_DLittle=1 then Net_Travel=2;
if NET_Plan_Travel_DLot=1 then Net_Travel=1;

if NET_Change_Work_ALot=1 then Net_Work=5;
```

```
if NET_Change_Work_ALittle=1 then Net_Work=4;
if NET_Change_Work_NEDI=1 then Net_Work=3;
if NET_Change_Work_DLittle=1 then Net_Work=2;
if NET_Change_Work_DLot=1 then Net_Work=1;

if Comp_Source_Fun_ALot=1 then Comp_Fun=5;
if Comp_Source_Fun_ALittle=1 then Comp_Fun=4;
if Comp_Source_Fun_NEDI=1 then Comp_Fun=3;
if Comp_Source_Fun_DLittle=1 then Comp_Fun=2;
if Comp_Source_Fun_DLot=1 then Comp_Fun=1;

if IPHONE = .  then phone = 0;
if IPHONE = 1 then phone = 1;

run;
proc freq data=myvars;
tables

Want_More_COS_ALot
Want_More_COS_ALittle
Want_More_COS_NEDI
Want_More_COS_DLittle
Want_More_COS_DLot
INFO_Me_ALot
INFO_ME_ALittle
INFO_ME_NEDI
INFO_ME_DLittle
INFO_ME_DLot
RISKY_INFO_ALot
RISKY_INFO_ALittle
RISKY_INFO_NEDI
RISKY_INFO_DLittle
RISKY_INFO_DLot
Companies_Priv_ALot
Companies_Priv_ALittle
Companies_Priv_NEDI
Companies_Priv_DLittle
Companies_Priv_DLot

Net_Free_Time_ALot
Net_Free_Time_ALittle
Net_Free_Time_NEDI
Net_Free_Time_DLittle
Net_Free_Time_DLot
NET_Plan_Travel_ALot
NET_Plan_Travel_ALittle
NET_Plan_Travel_NEDI
NET_Plan_Travel_DLittle
NET_Plan_Travel_DLot
NET_Change_Work_ALot
NET_Change_Work_ALittle
NET_Change_Work_NEDI
NET_Change_Work_DLittle
NET_Change_Work_DLot
```

```
Comp_Source_Fun_ALot
Comp_Source_Fun_ALittle
Comp_Source_Fun_NEDI
Comp_Source_Fun_DLittle
Comp_Source_Fun_DLot

WMC
PINFO
RISKY
Priv

Net_Free
Net_Travel
Net_Work
Comp_Fun

phone;

run;


libname mylib 'P:\';
data myfactor;
set myvars;
run;

proc factor data = myfactor
maxiter=100
method=principal
mineigen=1
rotate=varimax
nfactors=2
msa
scree
score
print
out=myscores;
var WMC
PINFO
RISKY
Priv

Net_Free
Net_Travel
Net_Work
Comp_Fun;
run;
```