1.

|  |
| --- |
| libname customer '/courses/d649d56dba27fe300/STA5066';  data youth; set customer.customer\_dim; where Customer\_Gender = 'F'   and Customer\_Group like '%Gold%'   and Customer\_Age between 18 and 36; keep Customer\_Name Customer\_Age Customer\_Birthdate  Customer\_Gender Customer\_Group; run; |

2.

|  |
| --- |
| libname prg1 '/courses/d649d56dba27fe300/STA5066'; data sports; set prg1.product\_dim; where Supplier\_Country in ('GB','ES','NL')  and Product\_Category like '%Sports'; drop Product\_ID Product\_Line Product\_Group Supplier\_ID; label Product\_catagory = "Sports Category"  Product\_Name ="Product Name(Abbrev)"  Supplier\_Name = "Supplier Name(Abbrev)"; format Product\_Name $15.  Supplier\_Name $15.; run;  proc contents data=sports; run;  proc print data=sports(obs=14); run; |

3.

|  |
| --- |
| libname nh3 '/courses/d649d56dba27fe300/STA5066'; data ad; set nh3.adult; keep seqn dmarethn dmaracer dmaethnr hssex hsaqeir; label seqn = "Identification Number"  dmarethn = "Race-Ethnicity 1=Non-Hispanic White 2=Non-Hispanic Black 3=Mexican American 4=Other"  dmaracer = "Race 1=White 2=Black 3=Other 8=Mexican-American of unknown race"  dmaethnr = "Ethnicity 1=Mexican American 2=Other Hispanic 3=Not Hispanic"  hssex = "Gender 1=Male 2=Female"  hsageir = "Age in years at Interview"; run; proc contents data=ad; run;  proc print data=ad(obs=14); run; |

4.

|  |
| --- |
| libname Nhanes3 '/courses/d649d56dba27fe300/STA5066'; data examsub1; set NHANES3.exam; keep hsageir hssex dmaracer bmpwt bmpht pep6g1 pep6h1 pep6i1 pep6g3 pep6h3  pep6i3 sppfvc sppfev1; rename hsageir= age  hssex= gender  dmaracer= race  bmpwt= wt\_kg  bmpht=ht\_cm  pep6g1= sbp1  pep6h1= sbp2  pep6i1= sbp3  pep6g3= sbp4  pep6h3= sbp5  pep6i3= sbp6  sppfvc= fvc  sppfev1=fvc1; label hsageir= "Age at Interview"  hssex= "Gender"  dmaracer= "Race"  bmpwt= "Weight in kg"  bmpht= "Height in cm"  pep6g1= "Systolic Blood Pressure, 1st reading"  pep6h1= "Systolic Blood Pressure, 2nd reading"  pep6i1= "Systolic Blood Pressure, 3rd reading"  pep6g3= "Diastolic Blood Pressure, 1st reading"  pep6h3= "Diastolic Blood Pressure, 2nd reading"  pep6i3= "Diastolic Blood Pressure, 3rd reading"  sppfvc= "Forced Vital Capacity (ml)"  sppfev1= "Forced Vital Capacity, 1st second (ml)" ; format pep6g1 6.  pep6h1 6.  pep6i1 6.  pep6g3 6.  pep6h3 6.  pep6i3 6.;   run; proc print data= examsub1(obs=7);run; proc contents data= examsub1 position details;run; |

5.

|  |
| --- |
| libname NH '/courses/d649d56dba27fe300/STA5066'; data labsub1; set NH.lab; keep seqn   hgp   htp   tcp   tgp   lcp   hdp   fbpsi   crp   sgp   urp; label seqn = "sequence number"  tcp = "cholesterol (mg/dl) "   tgp = "triglycerides (mg/dl)"  lcp ="low density lipoprotein (mg/dl)"  hdp ="high density lipoprotein (mg/dl)"  fbpsi ="fibrinogen (mg/dl)"  crp ="C-reactive protein (mg/dl)"  sgp ="plasma glucose (mg/dl)" ; run; proc contents data=labsub1 position details;run; proc print data=labsub1(obs=5);run; |
|  |
|  |

6.

|  |
| --- |
| libname nh3 '/courses/d649d56dba27fe300/STA5066'; data mortsub1; set nh3.mortality; where eligstat = 1; keep seqn mortstat; label mortstat = "0=alive at end of follow-up   1=died during the follow-up period"; run;  proc contents data=mortsub1;run; proc print data=mortsub1(obs=100);run; |