<center>*LAB EXAMPLE 2A**</center>

tabulation of variable
tab a1sk9a

tabulation with labels dropped
tab a1sk9a, nol

generates new attendance variable that drops missing and creates class intervals
gen attendance=a1sk9a
recode attendance (0=1) (1=2) (2/3=3) (4/31=4) (else=.)

frequency of variable before and after recoding
tab1 a1sk9a attendance

*This syntax assigns labels to each category *

label define attendlab 1 "Never" 2 "Seldom" 3 "Semi-regular" 4 "Regular"
label values attendance attendlab

Labels variable attendance
label variable attendance "religious attendance"

tabulation before and after recoding
tab1 a1sk9a attendance

creates pie chart of attendance
graph pie, over(attendance) plabel(_all percent) title(Pie Chart for Distribution of Religious
Attendance in the MIDUS)

obtains descriptive statistics for attendance
tabstat attendance, statistics(median mean range var sd)

<center>** LAB 2B EXAMPLE**</center>

tabulation of variable both with and without labels

tab a1sk9a
tab a1sk9a, nol

creates new variables that drops missing

```
gen attend=a1sk9a if a1sk9a<91

replace attend=8 if a1sk9a<91 & a1sk9a>8

*assigns label overall*

label variable attend "Religious Attendance"

*tabulation of variable before and after recoding*
tab1 a1sk9a attend


*histogram for religious attendance*

histogram attend, fraction discrete xlabel(0(4)8) ///
ytitle(Proportion of Sample) xtitle(Religious Attendance) ///
title(Histogram of Religious Attendance in MIDUS Data)

*tabulation of variable both with and without labels*
tab a1sa6a
tab a1sa6a, nol

*recodes energy to drop missing*

gen energy=a1sa6a if a1sa6a<8
tab energy

*This syntax assigns labels to each category *
label define energylab 1 "better now" 2 "no change" 3 "worse now"
label values energy energylab

*assigns label overall*
label variable energy "current level of energy"

*tabulation of variable before and after recoding
tab1 a1sa6a energy

*creates histogram of energy*
histogram energy, percent discrete gap(30) xlabel(1(1)3, valuelabel) ///
title(Bar chart of current energy level in MIDUS) xtitle(Current Energy Level) ytitle(Percent of
Sample)
```