Opening and saving Stata data files, merging and appending

cd C:\jk\eboh613

use dataset1.dta

save dataset1.dta

     -OR-

use C:\jk\eboh613\dataset1.dta

save C:\jk\eboh613\dataset1.dta

pwd

clear

use C:\jk\eboh613\dataset1.dta, clear

use C:\jk\eboh613\dataset1.dta if sex==1

use C:\jk\eboh613\dataset1.dta in 1/100

use age sex q1-q17 using C:\jk\eboh613\dataset1.dta

sysuse auto.dta

webuse lbw.dta

save C:\jk\eboh613\dataset1.dta, replace

keep age sex q1-q17

drop age sex q1-q17

```
clear

input case exposed group

0 0 100

0 1 30

1 0 23

1 1 21

end


help insheet

db insheet

insheet using a.txt, tab

insheet id type sold price using a.txt, comma

insheet id type sold price using a.txt, delimit(";")

infix id 1 type 2 sold 3-5 price 6-11 using a.txt


sysuse auto

xmlsave auto.xml, doctype(excel)

xmluse auto.xml, doctype(excel) sheet("Sheet1") firstrow

import sasxport

export sasxport
```

```
sysuse auto, clear

keep mpg price make

sysuse auto, clear

drop mpg price make t*

sysuse auto, clear

keep if for == 1

drop if for != 1

keep in 1/100

use auto.dta in 1/50

sysuse auto, clear

sample 10

sample 57, count

sysuse auto, clear

rename mpg miles

order _all, alphabetic

sort mpg price

gsort mpg –price
```
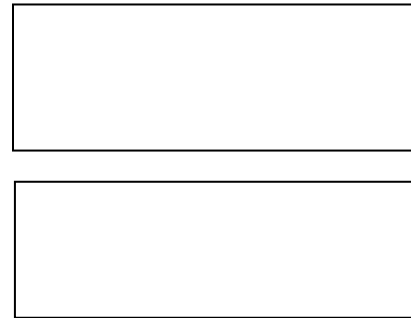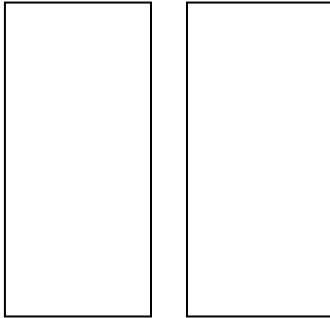
| MERGE   vs   APPEND |

MERGE:

One-to-one merge on specified key variables: merge 1:1 varlist using filename [, options]

Many-to-one merge on specified key variables: merge m:1 varlist using filename [, options]

One-to-many merge on specified key variables: merge 1:m varlist using filename [, options]

Many-to-many merge on specified key variables: merge m:m varlist using filename [, options]

One-to-one merge by observation: merge 1:1 _n using filename [, options]

* gen_combined.do

use domestic.dta

append using foreign.dta, generate(source)

save combined.dta

```
* merge

use lbw1.dta

codebook, compact

use lbw_parity.dta, clear

codebook, compact


* gen_lbw1_p.do

use lbw1.dta

merge 1:1 id using lbw_parity.dta

save lbw1_p.dta


list id bwt parity _merge if _merge < 3

drop _merge


duplicates report id

duplicates list id


sysuse auto

separate mpg, by(for)

codebook mpg*

twoway (scatter mpg weight if for ==0) (scatter mpg weight if for ==1)

twoway (scatter mpg0 mpg1 weight)
```