PROC DATASETS
SELECTION COVERED IN THE OFFICE COLLECTION TRAINING SOLUTION

COPYING A DATASET

(1.1)
```
proc copy in=work out=demo datecopy;
    select ds / memtype=data;
run;
```

(1.2)
```
proc datasets nolist;
    copy in=work out=demo datecopy;
        select ds / memtype=data;
    run;
quit;
```

MOVING A DATASET

(2.1)
```
proc copy in=work out=demo datecopy move;
    select ds / memtype=data;
run;
```

(2.2)
```
proc datasets nolist;
    copy in=work out=demo datecopy move;
        select ds / memtype=data;
    run;
quit;
```

APPENDING A DATASET

(3.1)
```
proc append base=ds
            data=ds2;
run;
```

(3.2)
```
proc datasets lib=work memtype=data nolist;
    append base=ds
           data=ds2;
    run;
quit;
```

RENAMING A DATASET

(4)
```
proc datasets lib=work memtype=data nolist;
    change ds1old=ds1new
           ds2old=ds2new;
    run;
quit;
```

DISPLAYING DATASET METADATA

(5.1)
```
ods select position;
proc contents data=ds varnum;
run;
```

(5.2)
```
ods select position;
proc datasets nolist;
    contents data=ds varnum;
    run;
quit;
```

(6.1)
```
ods select variables;
proc contents data=ds;
run;
```

(6.2)
```
ods select variables;
proc datasets nolist;
    contents data=ds;
    run;
quit;
```

ADDING A DATASET LABEL

(7.1)
```
data ds (label='Dataset Label');
    set ds;
run;
```

(7.2)
```
proc datasets lib=work memtype=data nolist;
    modify ds (label='Dataset Label');
    run;
quit;
```

> Be careful! When using a data step or proc sql,
> the dataset label is not copied over to the new dataset.
> The dataset label is kept when using proc copy or proc append.

RENAMING VARIABLES

(8)
```
proc datasets lib=work memtype=data nolist;
    modify ds;
        rename var1old=var1new
               var2old=var2new;
    run;
quit;
```

ADDING VARIABLE FORMAT AND LABEL

(9.1)
```
proc datasets lib=work memtype=data nolist;
    modify ds;
        label var1new='Var. 1 Label'
              var2new='Var. 2 Label';
        format var1new var1fmt.
               var2new $var2fmt.;
    run;
quit;
```

(9.2)
```
proc datasets lib=work memtype=data nolist;
    modify ds;
        attrib var1new label='Var. 1 Label'
                       format=var1fmt.
               var2new label='Var. 2 Label'
                       format=$var2fmt.;
    run;
quit;
```

REMOVING VARIABLE FMT AND LABEL

(10.1)
```
proc datasets lib=work memtype=data nolist;
    modify ds;
        label var1new=' '
              var2new=' ';
        format var1new var2new;
        *format _all_;
    run;
quit;
```

(10.2)
```
proc datasets lib=work memtype=data nolist;
    modify ds;
        attrib _all_ label=' ';
        attrib _all_ format=;
    run;
quit;
```

DELETING A SPECIFIC DATASET

(11.1)
```
proc datasets lib=work memtype=data;
    delete ds;
    run;
quit;
```

DELETING ALL DATASETS

(11.2)
```
proc datasets lib=work memtype=data kill;
run;
quit;
```

DELETING ALL MEMBERS

(11.3)
```
proc datasets lib=work kill; *memtype=all;
run;
quit;
```