



## SAS Syntax Programming

```
/* *****  
/*      Example 1 - SAS 8.0 with type in the data      */  
/* *****  
data education;                                * create dataset;  
input y x;                                     * set variables;  
logx = log(x);  
logy = log(y);  
cards;  
16.6  63.1  
16.5  72.5  
16.4  78.9  
16.7  67.7  
14.1  79.1  
16.5  56.6  
15.8  53.5  
16.9  62.2  
16.6  56.9  
 8.5  59.3  
17.2  73.4  
 6.1  50.9  
16.2  55.9  
11.7  63.8  
 8.1  47.1  
16.1  53.9  
15.4  55.8  
 4.3  43.9  
 7.8  53.8  
14.7  45.4  
;  
Run;  
  
proc print;                                * print data;  
title 'Title Here';  
proc means;                                * compute summary statistics;  
proc gplot;  
plot y*x;  
proc reg;                                  * estimate regression model;  
model y = x;                                * specify the model;  
model y = x;                                * Restricted OLS ;  
restrict x=1;  
run;
```

```

/*****
/*      Example 2 - SAS 8.0 with external data      */
/*****

data education;                               * create dataset;
infile 'j:\classes\assenov\sas\educdata.dat'; * open data file"educdata" located in "J:\sas\"
folder;
input y x;                                    * read variables;
proc print;                                    * print data;
title 'Summary Statistics';
proc means;                                   * compute summary statistics;
proc gplot;
plot y*x;
proc reg;                                     * estimate regression model;
model y = x;                                  * specify the model;
run;

```

◆ THE END ◆