The following is the parameter file web4.par. The data is included in a separate file: web4.txt. This data file is an Excel text file with 3 data records. The data is fitted to the first (i.e., *x*) column and the fourth (i.e., *y*) column. The 2nd and 3rd columns are not used.

```
y='a1+a2*x'
 ftype='e' xcol=1 ycol=4
```

The following is the data file web4.txt.

```
1     2     X Y Z 4
2     3       ### 5
4     5       abc 8
```

The following is the output file web4.out. The information included on this file is also shown on the screen. To run this example the following command is issued from a DOS window:

regress web4

Note that the program detects that there is no data in the parameter file and then looks for a file called web4.txt or web4.dat. If neither of these files is found, then an error message is issued. If the data file was called some other name (like xyz.data) the correct syntax would be:

regress web4 xyz.data

```
 Warning: Column 2 has not been specified
 Warning: Column 3 has not been specified
PARAMETERS USED IN REGRESS ANALYSIS: Sun Oct 30 16:37:21 2005

  INPUT PARMS FILE: web4.par
  INPUT DATA  FILE: web4.txt
  REGRESS  VERSION: 4.14, Oct 30, 2005

  STARTREC - First record used            :     1
  N - Number of recs used to build model  :     3
  NO_DATA - Code for dependent variable    -999.0
  NCOL - Number of data columns           :     4
  NY   - Number of dependent variables    :     1
  YCOL1 - Column for dep var Y               :  4
  SYTYPE1 - Sigma type for Y              :     1
     TYPE 1:  SIGMA Y = 1
  M - Number of independent variables     :     1
  Column for X1                           :     1
  SXTYPE1 - Sigma type for X1             :     0
     TYPE 0:  SIGMA X1 = 0

Analysis for Set 1
  Function Y:  A1+A2*X

  EPS - Convergence criterion          : 0.00100
  CAF - Convergence acceleration factor :   1.000
```

ITERATION	A1	A2	S/(N.D.F.)
0	0.00000	0.00000	105.00000
1	2.50000	1.35714	0.07143

POINT	X1	Y	SIGY	YCALC
1	1.00000	4.00000	1.00000	3.85714
2	2.00000	5.00000	1.00000	5.21429
3	4.00000	8.00000	1.00000	7.92857

K	A0(K)	AMIN(K)	AMAX(K)	A(K)	SIGA(K)
1	0.00000	Not Spec	Not Spec	2.50000	0.32733
2	0.00000	Not Spec	Not Spec	1.35714	0.12372

Variance Reduction: 99.18

S/(N - P) : 0.07143

RMS (Y - Ycalc) : 0.15430

Runs Test: Number of points much be >= 10 to perform test.