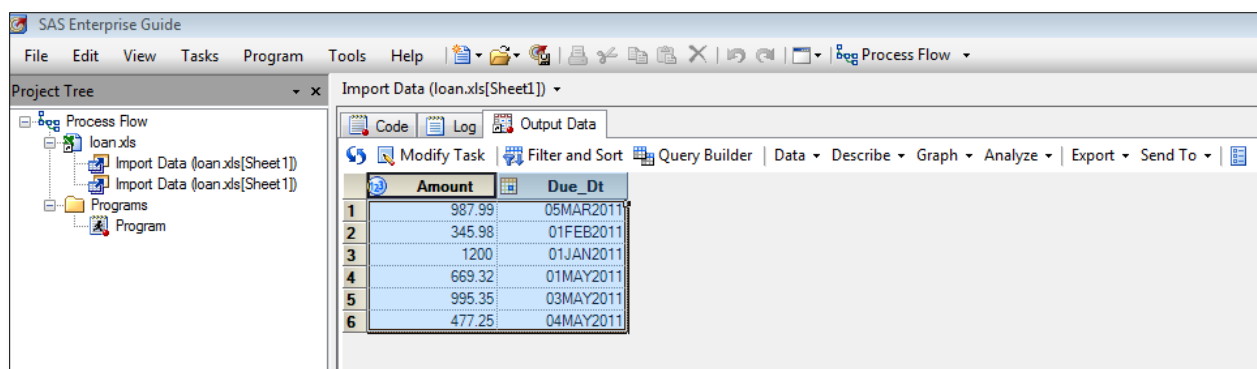


Using ERROR Statement for SAS Logs

To flag errors with better or custom description in a SAS LOG, use ERROR statement. As shown below in an example, the error statement could be used in a data statement to customize or flag the output in a SAS log.

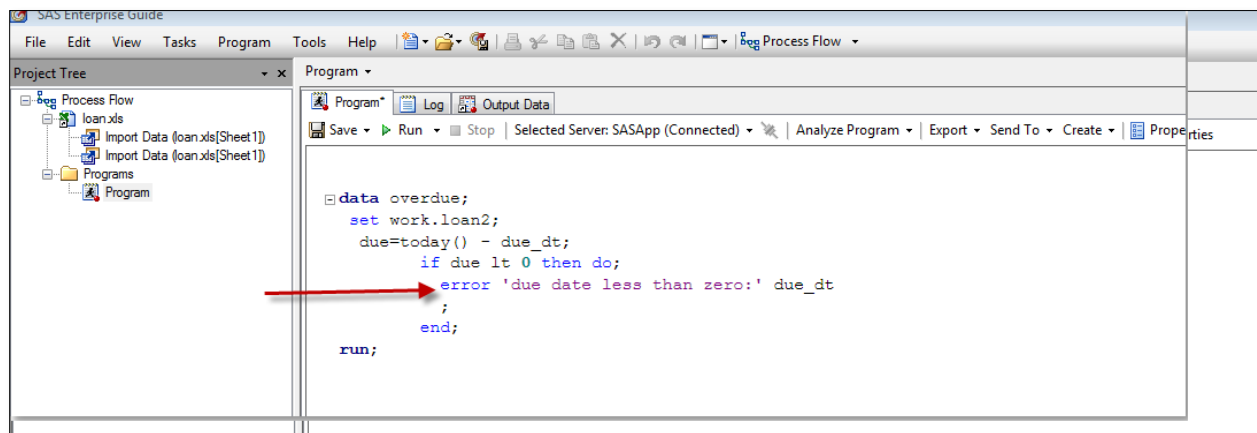
Code:

SAS EG was used to import sample data



	Amount	Due_Dt
1	987.99	05MAR2011
2	345.98	01FEB2011
3	1200	01JAN2011
4	669.32	01MAY2011
5	995.35	03MAY2011
6	477.25	04MAY2011

A SAS code was written using the ERROR statement:



```

data overdue;
  set work.loan2;
  due=today() - due_dt;
  if due lt 0 then do;
    error 'due date less than zero:' due_dt;
  ;
  end;
run;

```

Figure 1: (For better reading: error 'due date less than zero:' due_dt= ;)

Result (in Log)

The screenshot shows the SAS IDE interface. On the left is the Project Tree with a 'Program' node selected. The main window displays the following SAS code:

```

15
16
17     data overdue;
18         set work.loan2;
19         due=today() - due_dt;
20             if due lt 0 then do;
21                 error 'due date less than zero:' due_dt
22             ;
23         end;
24     run;

```

The log output below the code shows the following results:

```

due date less than zero:03MAY2011
Amount=995.35 Due_Dt=03MAY2011 due=-1 _ERROR_=1 _N_=5
due date less than zero:04MAY2011
Amount=477.25 Due_Dt=04MAY2011 due=-2 _ERROR_=1 _N_=6
NOTE: There were 6 observations read from the data set WORK.LOAN2.
NOTE: The data set WORK.OVERDUE has 6 observations and 3 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds

```

	Amount	Due_Dt	due
1	987.99	05MAR2011	58
2	345.98	01FEB2011	90
3	1200	01JAN2011	121
4	669.32	01MAY2011	1
5	995.35	03MAY2011	-1
6	477.25	04MAY2011	-2