

PROJECT

SCRIPT FOR CREATING A LINEAR LIST via SAS

Version 1.0

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Version History

Date	Version #	Description	Author
07/12/2025	1.0a	Final Version	Vincent Taylor

Note the use of macro functions QSCAN and SCAN

```
*-----*;
* Read Physician File 092014 *;
*-----*;

proc import out=term_out
datafile="&driveI.Directory Path\vtaylor\SAS\ImportFiles\term.xlsx"
      dbms=excel replace;
      range='SHEET1$A1:C50';
      getnames=YES;
      mixed=yes;
      scantext=yes;
      usedate=yes;

run;
/* 092014 */
%let namelist =; /* Variable list housing names of physicans */
%let idlist =; /* Varialbe list housing provider id of physicans */

/* 092014 */

/* Create list of phyiscan names and provider ids */
DATA term;
  set term_out;
  if code ^= 'MH' then delete;
  call symput('namelist',trim(resolve('&namelist'))||' '||trim>Last_Name));
  call symput('idlist',trim(resolve('&idlist'))||' '||trim(Provider_Id));
run;

%put &namelist &idlist; /* 092014 */
%global namelist idlist; /* 092014 */

/* Determine number of physicians to process. It's assumed each will have a provider id */

*options symbolgen;
%macro wordcount(list); /* 092014 */
/* Count the number of words &list */

%global count;
%let count = 0;
%do %while(%qscan(&list,&count+1,%str( )) ne %str());
  %let count = %eval(&count+1);
%end;
%put &count;
%mend wordcount;

%wordcount(&namelist);
```

```
%macro process(var); /* 092014 Main Macro */
```

```
%let i = %eval(&var);
```

```
%put &i;
```

```
/** ENTER PROVIDER ID OF TERMED PROVIDER **/
```

```
%let TERMPROV = %scan(&idlist,&i); /* 092014 */ /* there may be several IDs (CSC and QNXT)*/
```

```
%let pname = %scan(&namelist,&i); /* 092014 */
```

```
%let pdate = &FDATE1; /* 092014 */
```

```
%let termprovname= &pname &termprov; /* this is what goes on the
```

<- Continue Your Coding Here ->

```
%mend process; /* Terminates program reiteration */
```

/* This Step determines the number of times to execute the main macro, which is determined by the value of count */

```
data _null_; /* 092014 */
```

```
cnt = symget('count');
```

```
do j = 1 to cnt;
```

```
call execute ('%process('||j||')');
```

```
end;
```

```
run;
```