

## Laki Kourakis Con't

**Family:** Married to wife, Susan, for more than 16 years. They have four children: Adam (12), Zoey (11), Stephanie (9) and Nikki (4).

**Sports/hobbies:** Downhill skiing, hockey, rollerblading or whatever the kids want to do.

**Ideal weekend:** Houseful of people, having a delicious dinner and great conversations.

**Favourite foods:** Everything that the SAS Ottawa office orders in.

**“When I’m not programming in SAS,** I am usually driving someone somewhere. This summer we had all four children in soccer. With practices and games, we had two or three children all at different fields, all at different times. This kept us out of the house six out of seven evenings. With one car in our family, it was a challenge getting around. I was able to coach a team of four-year-old girls. Okay, coaching four-year-olds...now that was a challenge!”

**SAS ‘Techie Tip’:** Printing all datasets in any library....with ease!

When a project is completed, someone has the task of Printing the contents of the data for that project. This involves a Proc Print for EACH table ☹

The Macro program below, automates this for any SAS Library! ☺

```
%macro printlib(lib=WORK,obs=5);
%let lib=%upcase(&lib);
data _null_;
set sashelp.vstabvw end=final;
where libname="&lib";
call symput('dsname' || left(_n_),
            trim(memname));
if final=1 then call symput('totaldsn',_n_);
run;
  %local i;
  %do i=1 %to &totaldsn;
proc print data =&lib.&&dsname&i(obs=&obs);
title "Listing of &lib.&&dsname&i Table";
run;
  %end;
%mend printlib;
```

```
options mprint; /* to see more in the log */
```

```
libname perm "c:\payroll";
```

```
%printlib(lib=Payroll,obs=max)
```

It makes use of the SAS Dictionary called sashelp.vstabvw. By default the macro tries to access the first five observations for all the data in the work library. This default can be altered by customizing the line :

```
%printlib(lib=Payroll,obs=max)
```

Therefore, for the above line, we are trying to print all the observations in the Library called Payroll. Changing MAX for a number will print up to that observation number. Let's print the first 25 obs from every data set in Payroll:

```
%printlib(lib=Payroll,obs=25)
```