

Using SAS on the UNIX

Running Programs

SAS on the UNIX runs very much like SAS on other platforms. Following is a short SAS program named "sample.sas" that reads compressed raw data and saves a SAS system file. SAS on the UNIX can read raw data that are compressed with either the compress utility (extension of ".Z") or with the gzip utility (extension of ".gz"). Remember that the UNIX is case-sensitive. When you define data, be sure use upper and lower case characters accurately.

```
* sample.sas ;
options compress = yes linesize = 72 pagesize = 59 ;
filename inz1 PIPE 'zcat /full/path/raw.data.Z' lrecl = 80 ;
libname saslib '/full/path/name' ;
Data saslib.sample ; infile inz1 ;
input v1 1-3    v2 4-5 ;
proc means ;
```

The filename statement for a non-compressed data set would look like:

```
filename inz1 '/full/path/raw.data' lrecl = 80 ;
```

To run this program, you would type the following:

```
sas sample &
```

For more information about SAS, please see <http://www.albany.edu/csda/sasintro.pdf> and for more information about using UNIX, see <http://www.albany.edu/csda/classa.pdf> .