

Unit 1-2 Exercises

Solutions to Exercises

1. Submitting a Program and Using the Help Facility

- a. Include a SAS program.

```
options linesize=95 pagesize=52;

data work.country;
    length Country_Code $ 2 Country_Name $ 48;
    infile 'country.dat' dlm='!';
    input Country_Code $ Country_Name $;
run;

proc print data=work.country;
run;
```

- b. Submit the program.

rows: 238 columns: 3

- c. Examine the Log window.

observations: 238 variables: 2

- d. Clear the Log and Output windows.

- e. Use the Help facility.

What is an alias for the LINESIZE= system option? LS=

2. Identifying SAS Components

- a. Type the following SAS program:

```
proc setinit;
run;
```

- b. Submit the program.

Partial SAS Log

	Product expiration dates:
---Base Product	31DEC2008
---SAS/STAT	31DEC2008
---SAS/GRAPH	31DEC2008
---SAS/ETS	31DEC2008

- c. Include a SAS program.

```
data work.SalesEmps;
  length Job_Title $ 25;
  infile 'sales.csv' dlm=',';
  input Employee_ID First_Name $ Last_Name $
        Gender $ Salary Job_Title $ Country $;
run;

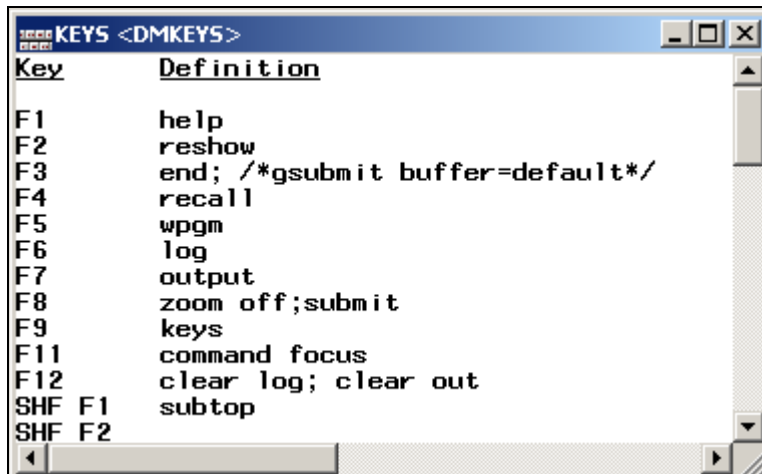
goptions reset=all;
proc gchart data=work.SalesEmps;
  vbar3d Job_Title / sumvar=Salary type=mean;
  hbar Job_Title / group=Gender sumvar=Salary
        patternid=midpoint;
  pie3d Job_Title / noheading;
  where Job_Title contains 'Sales Rep';
  label Job_Title='Job Title';
  format Salary dollar12.;
  title 'Orion Star Sales Employees';
run;
quit;
```

- d. Submit the program.
- e. Close the GRAPH window.

3. Setting Up Function Keys

- a. Issue the KEYS command.
- b. Add a command to the F12 key.

Keys Window (Windows):



The screenshot shows a window titled 'KEYS <DMKEYS>' with a table of function key definitions. The table has two columns: 'Key' and 'Definition'. The keys listed are F1 through F12, SHF F1, and SHF F2. The definitions include commands like 'help', 'reshow', 'end;', '/*gsubmit buffer=default*/', 'recall', 'wpgm', 'log', 'output', 'zoom off;submit', 'keys', 'command focus', 'clear log; clear out', and 'subtop'.

Key	Definition
F1	help
F2	reshow
F3	end; /*gsubmit buffer=default*/
F4	recall
F5	wpgm
F6	log
F7	output
F8	zoom off;submit
F9	keys
F11	command focus
F12	clear log; clear out
SHF F1	subtop
SHF F2	

- c. Close the KEYS window.
- d. Press the F12 key.

4. Exploring Your SAS Environment – Windows

- a. Customize the appearance and functionality of the Enhanced Editor.
- b. Use the Help facility.

