Finding and Resolving Syntax Errors

Scenario

Find and resolve some common syntax errors.

Files

- **p101d03.sas**
- **sashelp.cars** – a sample table provided by SAS that includes basic information about 428 cars

Notes

- Some common syntax errors are unmatched quotation marks, missing semicolons, misspelled keywords, and invalid options.
- Syntax errors might result in a warning or error in the log.
- Refer to the log to help diagnose and resolve syntax errors.

Demo

1. Open the **p101d03.sas** program from the **demos** folder. Identify the three syntax errors but do not fix them. Run the program.

2. Carefully review the messages in the log.

   Note: The Log Summary is available to view the notes, warnings, and errors.

3. Fix the code and rerun the program.

```
data mycars;
    set sashelp.cars;
    AvgMPG=mean(mpg_city, mpg_highway);
run;

title "Cars with Average MPG Over 35";
proc print data=mycars;
    var make model type avgmpg;
    where AvgMPG > 35;
run;

title "Average MPG by Car Type";
proc means data=mycars mean min max maxdec=1;
    var avgmpg;
    class type;
run;

title;
```

End of Demonstration