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An Introduction to SAS Using a Simple SAS Program

SAS has 3 windows: code window, log window and output window

- ▶ Code window is where you write and submit SAS programs
- ▶ Log window is where to view SAS messages including any notes, errors or warnings associated with your code, it also contains your original SAS code
- ▶ Output window contains the outputs from your SAS codes

SAS programs often contain DATA steps and PROC steps

- ▶ DATA steps begin with the word DATA, it allow you to read or write the data, manipulate the data, and perform calculations.
- ▶ PROC steps begin with the word PROC(short for procedure) , it is where you run one or more SAS procedures to produce reports, summarize and analyze the data, generate graphs, and much more.
- ▶ All SAS programs are made up of statements; Most DATA and PROC steps end with a RUN statement; All SAS statements end with semicolons (;)
- ▶ Many new SAS users tend to leave out a semicolon where one is needed, resulting in error messages in the log window.