CP5804: SAS Week 2 Collaborative Tutorial Session

Presented by Sisi





SAS Essentials

> Installation:

□ SAS University Edition: https://www.sas.com/en_au/software/university-edition/download-software.html

□ VirtualBox: https://www.virtualbox.org/wiki/Download_Old_Builds_5_2, (Tip: please download 5.2.X builds instead of the latest version)

- Weekly materials:
 - ☐ Assessments → SAS Self-Training Content
 - ☐ Assessments → Assessment 5 (SAS Coursework)





Troubleshooting VirtualBox

- ➤ Check if you have enabled VT-X in BIOS in startup. Could refer to the link for details: <a href="https://docs.fedoraproject.org/en-US/Fedora/13/html/Virtualization_Guide/sect-Virtualization-Troubleshooting-Enabling_Intel_VT_and_AMD_V_virtualization_hardware_extensions_in_BIOS.html;
- ▶ If VT-X is already enabled, check if Hyper_V is turned off. Try running the following in Command Prompt (Run): dism.exe /Online /Disable-Feature:Microsoft-Hyper-V. Could refer to the link for details:
 https://superuser.com/questions/1153470/vt-x-is-not-available-but-is-enabled-in-bios;
- ➤ If the issue still exists, possibly try using VMware instead of VirtualBox.





SAS Assessments

> Submission due:

```
Week 1 - 3 due on Wednesday of Week 4 (01/04/2020)
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Week 4 due on Wednesday of Week 5 (08/04/2020)

Week 5 due on Wednesday of Week 6 (15/04/2020)

Week 6 due on Wednesday of Week 7 (22/04/2020)

Week 7 non-graded





SAS Assessments

- ➤ Marking criteria (2/2):
 - ☐ For activity answer sheets less than or equal to 10 questions:
 - 0 not submitted or submit non-relevant results
 - 1 more than half, but all attempted
 - 1.5 more than 2, less than half
 - 2 less than 2 incorrect answer
 - ☐ For activity answer sheets more than 10 questions:
 - 0 not submitted or submit non-relevant results
 - 1 more than half, but all attempted
 - 1.5 more than 4, less than half
 - 2 less than 4 incorrect answer





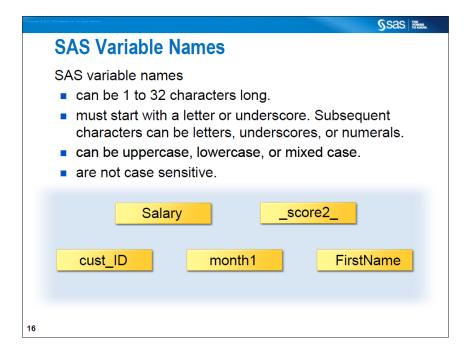
SAS Help

- > Q&A for SAS
- ➤ Setup Instructions: Assessments → SAS Self-Training Content → Video Instructions for SAS Setup
- > Demo





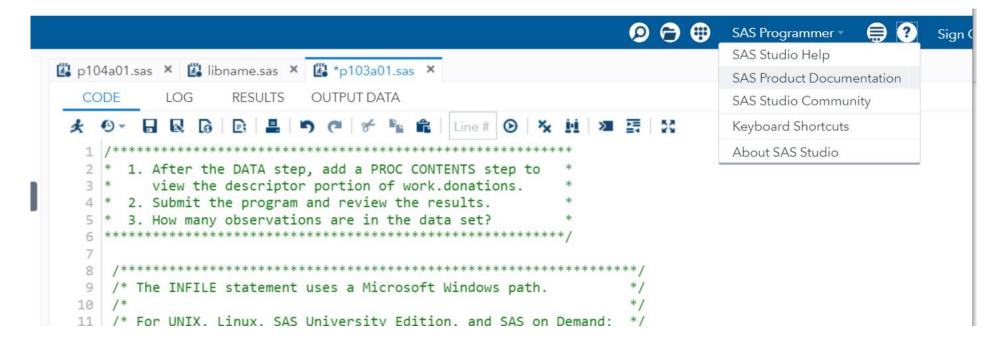
- **>** 3.01:
 - ☐ Execute p103a01.sas program;
 - ☐ Execute libname.sas file first (%let path statement should be included);
 - ☐ Modify '\' into '/' if needed.
- > 3.02:
 - ☐ PG_Ch03, page 9, slide 16
 - Not case sensitive







- > 4.04: 'Name' attribute is ordered as last name, first name
- **>** 5.01:
 - \square Help \rightarrow SAS Product Documentation;
 - \square Search for 'Zw.d' or 'Formats by Category'.

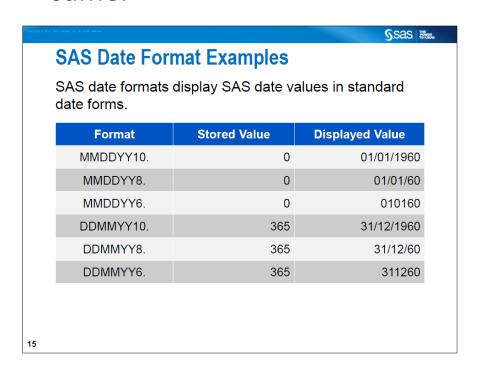






> 5.02:

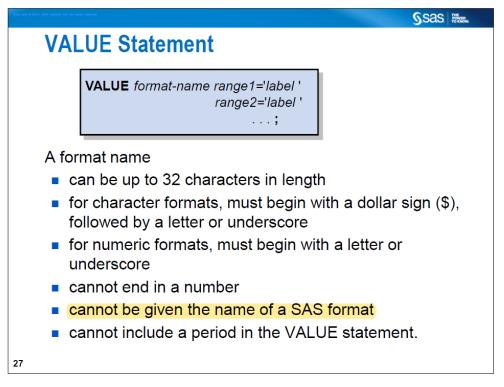
- ☐ PG_Ch05, page 8-9, slides 15-16;
- Not case sensitive, e.g., monyy7, Monyy7, monYY7 or MONYY7 are the same.



Format	Stored Value	Displayed Value
DATE7.	-1	31DEC59
DATE9.	-1	31DEC1959
WORDDATE.	0	January 1, 1960
WEEKDATE.	0	Friday, January 1, 1960
MONYY7.	0	JAN1960
YEAR4.	0	1960



- **>** 5.03:
 - ☐ PG Ch05, page 15, slide 27;
 - ☐ User-defined formats cannot be given the name of a format provided by SAS







- **>** 6.03:
 - ☐ PG_Ch06, page 13, slide 25;
 - ☐ If any operand in an arithmetic expression has a missing value, the result is a missing value.

