Level 2 Practice: Using Macro Variables to Subset Data in Procedures

- 1. Create a new program.
 - Write a PROC FREQ step to analyze rows from pg1.np species.
 - Include only rows where Species_ID starts with YOSE (Yosemite National Park) and Category equals Mammal.
 - Generate frequency tables for **Abundance** and **Conservation_Status**.

- 2. Write a PROC PRINT step to list the same subset of rows from **pg1.np_species**.
 - Include Species ID, Category, Scientific Name, and Common Names in the report.
 - Submit the program.

3. How many rows meet the two specified conditions?

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4. Create a macro variable named **ParkCode** to store *YOSE*, and another macro variable named **SpeciesCat** to store *Mammal*. Modify the code to reference the macro variables. Submit the program and confirm that the same results are generated.

Note: The macro variable values are case sensitive when they are used in a WHERE statement.

```
Category="&SpeciesCat";
run;
The same results are generated.
```

5. Change the values of the macro variables to *ZION* (Zion National Park) and *Bird*. Submit the program.

6. How many rows meet the two specified conditions?

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