4. Filtering Rows in a Listing Report Using Character Data

```
proc print data=pg1.np_summary;
    var Type ParkName;
    where ParkName like '%Preserve%';
run;
```

5. Creating a Listing Report for Missing Data

```
*Part A;
proc print data=pg1.eu_occ;
    where Hotel is missing and ShortStay is missing and
          Camp is missing;
run;

*Part B;
proc print data=pg1.eu_occ;
    where Hotel > 40000000;
run;
```

    a. How many rows are included? **101**

    b. Which months are included in the report? **The months are July or August.**

6. Using Macro Variables to Subset Data in Procedures

```
%let ParkCode=ZION;
%let SpeciesCat=Bird;

proc freq data=pg1.np_species;
    tables Abundance Conservation_Status;
    where Species_ID like "&ParkCode%" and
          Category="&SpeciesCat";
run;

proc print data=pg1.np_species;
    var Species_ID Category Scientific_Name Common_Names;
    where Species_ID like "&ParkCode%" and
          Category="&SpeciesCat";
run;
```

7. Eliminating Case Sensitivity in WHERE Conditions

```
proc print data=pg1.np_traffic;
    var ParkName Location Count;
    where Count ne 0 and upcase(Location) like '%MAIN ENTRANCE%';
run;
```

`End of Solutions`