```
/*************************************************************;
*  LESSON 3, PRACTICE 5                                      *;
*  a) Notice that the DATA step creates a table named        *;
*     PARKS and reads only those rows where ParkName ends    *;
*     with NP.                                               *;
*  b) Modify the DATA step to create or modify the           *;
*     following columns:                                     *;
*     1) Use the SUBSTR function to create a new column      *;
*        named Park that reads each ParkName value and       *;
*        excludes the NP code at the end of the string.      *;
*        Note: Use the FIND function to identify the         *;
*        position number of the NP string. That value can    *;
*        be used as the third argument of the SUBSTR         *;
*        function to specify how many characters to read.    *;
*     2) Convert the Location column to proper case. Use     *;
*        the COMPBL function to remove any extra blanks      *;
*        between words.                                      *;
*     3) Use the TRANWRD function to create a new column     *;
*        named Gate that reads Location and converts the     *;
*        string Traffic Count At to a blank.                 *;
*     4) Create a new column names GateCode that             *;
*        concatenates ParkCode and Gate together with a      *;
*        single hyphen between the strings.                  *;
*************************************************************;

data parks;
    set pg2.np_monthlytraffic;
    where ParkName like '%NP';
    Park=substr(ParkName, 1, find(ParkName,'NP')-2);
    Location=compbl(propcase(Location));
    Gate=tranwrd(Location, 'Traffic Count At ', ' ');
    GateCode=catx('-', ParkCode, Gate);
run;

proc print data=parks;
    var Park GateCode Month Count;
run;

data parks;
    set pg2.np_monthlytraffic;
    where ParkName like '%NP';
    Park=substr(ParkName, 1, find(ParkName,'NP')-2);
    Location=compbl(propcase(Location));
    Gate=tranwrd(Location, 'Traffic Count At ', ' ');
    GateCode=catx('-', ParkCode, Gate);
run;

proc print data=parks;
    var Park GateCode Month Count;
```