Exercise

Use the **Cars** data set in the **SP4R** library to complete this exercise.

1. **Creating and Using a SAS Function**

    a. Create a function called **tier** with a single numeric argument, which returns a character value. The function should return values according to the following table:

input	output
<20	Low
20-29	Medium
>30	High

    b. Use the function that you created to create a new variable in the **Cars** data set. Name the new variable **mpg_quality2** and name the argument of the function **tier** as **mpg_average**. As a result, **mpg_quality** and **mpg_quality2** are identical.

    c. Print observations 65 through 70 for the variables **mpg_average**, **mpg_quality**, and **mpg_quality2** to ensure that the variable is created.