Attached is the data file in csv format of the sales from a pharmaceutical company. Your tasks are to:

1. create a temporary SAS dataset called “psales” (10 points)
2. Create a new variable, called adjSales (to indicate the adjusted sales for each date) using the following formula:
   * 1. 1.25\*sales + 10 \* rand('UNIFORM'); \* where rand('UNIFORM') produces a random variable from uniform distribution between 0 & 1; (20 points)
3. Sort data by category and output the sorted data to a permanent dataset called as newSales (which should be used for the following steps) (15 points)
4. Find average adjSales by category, output to a dataset called as aveSales with noprint option and print the results from aveSales (15 points)
5. Count how many observations there’s for each category, output and print the results. (15 points)
6. Choose 1 category of your preference. Create a dataset consisting of observations for that category only, name the dataset by an abbreviation of the category (15 points)
7. Print 5 observations from the category dataset with a title indicating the category (10 points)

The sas program (code) should include all the data & proc steps. Provide a hard copy of the program (i.e. code); and a copy of the printed outputs.