REQUIREMENTS AND SPECIFICATIONS FOR PROGRAMMING AND PRESENTATION OF TABLES, LISTINGS AND FIGURES (TLFs)

- The following details the requirements and specifications for the programming and presentation of the TLFs, as set out in the TLF shells.
- A separate RTF document will be created for each TLF.
- All TLFs will be produced in a landscape format, as far as is feasible.
- The margin, page size specifications are stipulated below and will used for the presentation of all TLFs:

Item:	Specification:
Page Layout	Landscape
Paper Size	8.5 x 11 in
Margins (Top, Bottom, Left and Right)	Top: 1,25"; Bottom: 0,8"; Left: 1,00"; Right: 0,6"

- The standard font size and font type are "9 point", "Courier New" for all TLFs.
- Every page of each output will contain a footer indicating the date and time when the output was produced (to be presented as set out in the example below).
- Every page of each output will contain a page number written in the format "Page X of Y" (to be presented as set out in the example below).
- Each of the footnote types enumerated above will flow continuously instead of starting on a new line and end with a period.
- Footnotes are left justified.
- The following guidelines will be considered with regards to the number of decimal places and presentation of data in the tables and listings:
  - All measured data will be listed with the same number of decimal places (with same precision) as the original raw data.
  - Calculated means, medians, Q1 and Q3 will be displayed with one more decimal place than the original data;
  - Minimum and maximum values will be displayed with the same number of decimal places as the original data;
  - Standard deviation will be displayed with two more decimal places than the original data;
  - A maximum of three decimal places will apply to all summary statistics.
- Irrespective of the date time format displayed in shell layout, The dates and times will be consistently listed using date format 'DDMMMYYYY' and 24h clock format 'hh:mm', respectively.
- All tables will be decimal aligned.

Table 14. Demographic and Survival Characteristics of Titanic Passengers Stratified by Class

Characteristic Statistic	Class 1 (N=xxx)	Class 2 (N=xxx)	Class 3 (N=xxx)	Total (N=xxx)
Age (years)				
n	xxx	xxx	xxx	xxx
Mean	xxx.x	xxx.x	xxx.x	xxx.x
SD	xxx.xxx	xxx.xxx	xxx.xxx	xxx.xxx
Q1	xxx.xx	xxx.xx	xxx.xx	xxx.xx
Median	xxx.xx	xxx.xx	xxx.xx	xxx.xx
Q3	xxx.xx	xxx.xx	xxx.xx	xxx.xx
Min	xxx.x	xxx.x	xxx.x	xxx.x
Max	xxx.x	xxx.x	xxx.x	xxx.x
Missing	x	x	x	x
Gender				
Male	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)
Female	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)
Survival				
Survived	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)
Deceased	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)

(continued)

Table 14. Demographic and Survival Characteristics of Titanic Passengers Stratified by Class

(continued)

Characteristic Statistic	Class 1 (N=xxx)	Class 2 (N=xxx)	Class 3 (N=xxx)	Total (N=xxx)
Fare (pounds)				
n	xxx	xxx	xxx	xxx
Mean	xxx.x	xxx.x	xxx.x	xxx.x
SD	xxx.xxx	xxx.xxx	xxx.xxx	xxx.xxx
Q1	xxx.xx	xxx.xx	xxx.xx	xxx.xx
Median	xxx.xx	xxx.xx	xxx.xx	xxx.xx
Q3	xxx.xx	xxx.xx	xxx.xx	xxx.xx
Min	xxx.x	xxx.x	xxx.x	xxx.x
Max	xxx.x	xxx.x	xxx.x	xxx.x
Missing	x	x	x	x
Port of Embarkation				
Cherbourg	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)
Queenstown	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)
Southampton	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)
Missing	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)	xxx (xxx.x%)

N = Number of subjects within class.
Reference: Listing 16

Programming Notes:
1) Missing not presented if no missing values.

Listing 16. Passenger Demographics, Travel Information, and Survival Status from the Titanic Dataset

Treatment: <Class 1/Class 2/Class 3>

PassengerID / Class	Age (years)	Sex	Boarding date(Days at Sea)	Did the Passenger Survive?	Passenger Title	AgeGroup	Home	Destination
xxx-x	xx	M	DDMMMYYYY (xx)	No	Master	Child	New York,NY	xxxxx
xxx-x	xx	F	DDMMMYYYY (xx)	Yes	Miss	Unknowm		

…etc.

D:\xxxxx\xxxxx\xxxx\xxx\xxxxx.sas ran on DDMMMYYYY at hh:mm Programmer: xxxxxxxxx

Programming notes:
1) Sort by PassengerID, then by Class
2) You can take the values for defining these categories from previous practical tasks.
3) The values of Home and Destination are derived from home_dest. If no delimiter "/" is present, both variables are assigned the same value.