STAT2005 Programming Languages for Statistics
Exercise for Chapter 12

1. Consider the two datasets A and B. Both of them have two variables X and Y.

Dataset A:

X	Y
1	2
3	4
5	6
7	8

Dataset B:

X	Y
1	1
3	3
5	5

(a) Write SAS statement(s) to create temporary datasets A and B.
(b) Write SAS statement(s) to store the data from A and B into a temporary dataset called q1b.

Dataset q1b:

X	Y
1	1
1	2
3	3
3	4
5	5
5	6
7	8

(b) Write SAS statement(s) to store the data from A and B into a temporary dataset called q1c.

Dataset q1c:

X	Y
1	1
3	3
5	5
7	8

2. Consider the two datasets C and D. Both of them have two variables X, Y and Z.

Dataset C:

X	Y	Z
1	2	5
2	3	6
3	4	7

Dataset D:

X	Y	Z
1	3	.
2	4	.
3	4	5
4	5	6

(a) Write SAS statement(s) to create temporary datasets C and D.
(b) Write SAS statement(s) to use the data in D to update the data in C by variable X and store it to a temporary dataset called q2b.