How many questions did you complete (a completed question means that all the sub parts were done)? Write your answer as a fraction of the total number of questions **on the very top of your assignment: Example 10/16**

Please answer all questions. Remember this assignment is worth 15/4% and is your third assignment for the course. Make sure that you place all answers and output into a word document and store in a safe area till finished, all working must be shown in the assignment answers. Keep a file (from Tinn-R or RStudio) with all your **R** code in – use `#Q1` etc to divide off questions. All statistical computing is to be done in **R** , please note that **MS**=Mendenhall and Sincich, *STATISTICS for science and engineering* 6th edition. You will need to convert the `.xls` files into comma delimited files `.csv` in excel and use `read.table( ..., header=TRUE,sep=",")` to read them into **R** .

PLEASE NOTE: IF THERE IS NO REQUIREMENT TO USE R THEN DON'T USE IT.

Use RMD and then knit to HTML. Place the following files in the dropbox before the time set on CANVAS

1. html

2. Rmd

I do not want a massive file for this assignment (make it less than 6 MB) – **Make sure your RMD document is well structured with toc, toc float and other options to make your document easy for me to grade.**

1. **MS 5.54 - pg 215**

2. **MS 5.56 - pg 215**

3. **MS 5.60 - pg 216**

4. **MS 5.74 - pg 219**

5. **MS 5.84 - pg 223**

6. MS 5.114 - pg 223

7. MS 6.2 - pg 239

8. MS 6.4 - pg 240

9. MS 6.12 - pg 244

10. MS 6.14 - pg 245

11. MS 6.51 - pg 253

12. MS 6.74 - pg 269

13. MS 6.90 - pg 273

14. MS 7.108 - pg 362

15. MS 7.114 - pg 364

16. MS 7.116 - pg 364