Excel assignment #3 for WFB 117

Make sure you look at the comments on your first two Excel assignments to ensure you are aware of issues in the data set and how you did or did not address them.

Do/answer the tasks/questions below. If the instruction is a question, respond in complete sentences and justify your answers with evidence from your data summaries (e.g., just don’t give a list of species).

If you are unsure how to do any part of the Excel work, (1) ask another student, (2) use Google or Excel help to find an answer, or (3) ask your instructor. The assignment should take ≤ 30 minutes. If you get to 30 minutes and do not see a clear way forward, STOP and seek help through one of the three ways just identified.

1. In the new Excel file on the course web site (lake\_trout\_data\_for\_WFB 117\_ver\_3.xlsx), sort the “fish species code” worksheet by Species Code, in ascending order.
2. In the main data worksheet, use Find and Replace to convert all of the alphabetic species codes to their correct numeric species codes. The letter codes are identified in the Species Code worksheet
3. In the fresh wound and healing wound columns, use Find and Replace to change all of the “--“ observations to the number 0.
4. Add a new column called “total wounds” to the main data worksheet. In the new column, use an equation to calculate total wounds, which is the sum of fresh and healing wounds.
5. Based on “total wounds”, which four species of fish were the most vulnerable to wounding by sea lamprey? If you were a fisheries manager who had to do something about the sea lamprey “problem”, would you focus on the top four species you identified? Why or why not? Make sure you consider sample sizes when you answer the question.
6. Make a pivot table that clearly shows the data you used to arrive at your answer, in a worksheet labeled “Total Wounds Summarized”.

* Write your answers in RED below each question in this document, and name the completed word document “ExcelQuestions117\_3\_YourLastName.doc”.

## Name your Excel file, with spreadsheets, “ExcelAssign117\_3\_YourLastName.xlsx”

## Email both files to your instructor by 5 pm on Friday, March 29.