

Jetic Gū

Columbia College

This is an **INDIVIDUAL** assignment.

You are required to use basic spreadsheet software to perform basic calculations.

You must make sufficient effort to ensure the submitted webpage is properly formatted. Failure to comply will result in a ZERO grade. Your submission must be a zip file with the following file structure:

```
answer.zip
  answer.xlsx
```

Lab 8

Download the trip planner example: <https://jetic.org/dl/csci101/example.csv>

The example above provides you with some basic information regarding the trip you will need to plan. Here are the requirements:

1. Create a new individual cell underneath the provided rows called `Average Speed (KM/H)`, and write 80 in the cell to its right.
2. Create a new individual cell underneath the provided rows called `Fuel Economy (L/100KM)`, and write 8 in the cell to its right.
3. Create a new individual cell underneath the provided rows called `Fuel Cost (CAD/L)`, and write 2 in the cell to its right.
4. Use the necessary formulas we've used in class to fill out the rest of the sheet.
5. Calculate the total distance, total duration, and total fuel cost as well. These should be new cells similar to those you created in (1),(2),(3).

Grading criteria

- Your submission is of the correct format and followed the naming requirements (1pt)
- Your submission should contain the above 3 additional cells in (1),(2),(3) (1pt)
- Your submission contains correctly calculated values for all columns (2pt)
- Your submission contains correctly calculated values for all totals (2pt)
- In your submission, you've used formula correctly, and the values can be automatically updated when the user changes the Speed/Fuel Econ/Fuel Cost values. (3pt)
- Should the user decides to include additional stops during the trip, the user needs to be able to insert a new row among the provided data (e.g. stopping by Kelowna before travelling to Calgary). This shouldn't break your formulas. (Hint: use absolute references for cells in (1), (2), (3))) (1pt)