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# WEEK 4 - Task 6 SOLUTION Stephanie
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import csv
import datetime

with open("newfoodhygienedata.csv","r") as file:
    reader = csv.DictReader(file,delimiter=',')
    today = datetime.date.today()
    print("Today's date is: " + str('{:%d/%m/%Y}'.format(today)) + "\n")

    with open("foodhygieneinspectiondates.csv",'w') as file2:
        file2.write("\nLIST OF ESTABLISHMENTS AND DAYS SINCE INSPECTION\n")
        for row in reader:
            if row["inspectiondate"] != (""):
                inspectionDate = datetime.datetime.strptime(row["inspectiondate"],"%d/%m/%Y").date()
                tdelta = (today - inspectionDate)
                print(row["establishmentname"] + "\t" + str(tdelta.days) + " days since last inspection on " + lastInsp)
                file2.write(row["establishmentname"] + "\t" + str(tdelta.days) + " days since last inspection on " +
lastInsp + "\n")
            else:
                print("Last date of inspection not available.")

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Today's date is: 06/03/2019

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Heyn Group      2386 days since last inspection on 20/09/2013
Rosemary Lunch Club 1597 days since last inspection on 20/09/2013
John Ross & Co Auctioneers    1448 days since last inspection on 20/09/2013
The Maverick/Boom Box    1821 days since last inspection on 20/09/2013
Maverick  1847 days since last inspection on 20/09/2013
Windsor Recreation & Social Cl    2107 days since last inspection on 20/09/2013

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The Chester Inn 1615 days since last inspection on 20/09/2013
The Sportsman 2163 days since last inspection on 20/09/2013