

#### **# WEEK 4 - Task 6 SOLUTION Stephanie**

```
#
#
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.")
```

#### **# WEEK 4 - Task 6 SOLUTION Stephanie CODE ENDS HERE**

**\*\*\* SEE OUTPUT SAMPLES BELOW \*\*\***

## **SAMPLE OUTPUT TO SCREEN**

Today's date is: 06/03/2019

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

## **SAMPLE OUTPUT TO FILE**

### LIST OF ESTABLISHMENTS AND DAYS SINCE INSPECTION

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  
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