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# -*- coding: utf-8 -*-  
"""
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@author: krist  
"""
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from csv import writer  
import pandas as pd  
import requests  
import json # importerer biblioteker  
import datetime as dt  
  
def prod_week():  
    week = dt.datetime.now().isocalendar()[1] # henter ukenummer  
    prod_week_df = pd.read_csv('csvfiler/Panel_production_day.csv')  
    prod_week_df.to_csv('temp_csv/Panel_prod_week.csv', index=False) # putter data fra Panel_production_day inn i  
    panel_prod_week  
  
    with open('temp_csv/Panel_prod_week.csv', 'a') as bt:  
        prod_temp_df = writer(bt)  
        prod_temp_df.writerow([week, '-', 0]) # skriver tom csv fil  
  
    prod_this_week_df = pd.read_csv('temp_csv/Panel_prod_week.csv', index_col='Week')  
    prod_week = sum(prod_this_week_df.at[week, 'kWh']) # regner ut summen av kWh kolumnen  
  
    key = '2605'  
    token= 'eyJhbGciOiJIUzI1NiJ9.eyJqdGkiOiI1NzUxIn0.DeRcDo1IRe0fFV_Iew8WyUbEd02hwzWikjARXvc2oEE' # info til CoT  
  
    data = {'Key': key, 'Value': prod_week, 'Token': token}  
  
    p = requests.put('https://circusofthings.com/WriteValue', #sender ukes produksjon til CoT  
        data = json.dumps(data),  
        headers={'Content-Type': 'application/json'})  
  
    with open('csvfiler/Panel_production_week.csv', 'a') as pw:  
        prod_df = writer(pw)  
        prod_df.writerow([week, prod_week]) # skriver uke nummer + ukesproduksjon til csvfil  
  
    return prod_week
```