In [142…
```
from bs4 import BeautifulSoup
import pandas as pd
import requests
import time
import datetime
import smtplib #used for sending emails to yourself
```

In [174…
```
url = 'https://www.amazon.co.za/HP-15-6-Inch-Full-HD-Laptop-Natural/dp/B0CPF18RHN/ref=pd_rhf_se_s_ci_mcx_mr_hp_d_d_sccl_2_2/258-6305800-1441125?pd_rd_w=

headers = {"User-Agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/126.0.0.0 Safari/537.36", "Accept-Enco

page = requests.get(url, headers = headers)

soup1 = BeautifulSoup(page.content, 'html.parser')

soup2 = BeautifulSoup(soup1.prettify(), 'html.parser')

title = soup2.find(id ='productTitle').get_text(strip = True)

price = soup2.find(class_ = 'a-price-whole').get_text(strip = True).replace(',', '')

cents = soup2.find(class_ = 'a-price-fraction').get_text(strip = True)

full_price = f"{float(price + cents):.2f}"

date = datetime.date.today()

print(title)

print(full_price)
```

```
HP 15s Intel Core i7 1255U 8GB DDR4 512GB SSD 15.6-Inch Full-HD Laptop, Natural Silver
10999.00
```

In [267…
```
columns = ['Product','Price (R)', 'Date']
rows = [title, full_price, date]
table = pd.DataFrame(columns = columns)
length = len(table)
table.loc[length] = rows
```

In [269…
```
df2 = table.to_excel(r'C:\Users\NAOMI KOYANA\Downloads\Laptop_Prices.xlsx', index = False)
```

In [282…
```
length +=1
new_data = [title, full_price, date]
table.loc[length] = new_data
excel_file_path = r'C:\Users\NAOMI KOYANA\Downloads\Laptop_Prices.xlsx'
df_combined.to_excel(excel_file_path, index=False)
```

In [285…
```
def check_price():
    url = 'https://www.amazon.co.za/HP-15-6-Inch-Full-HD-Laptop-Natural/dp/B0CPF18RHN/ref=pd_rhf_se_s_ci_mcx_mr_hp_d_d_sccl_2_2/258-6305800-1441125?pd_r
    headers = {"User-Agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/126.0.0.0 Safari/537.36", "Accept-
    page = requests.get(url, headers = headers)
    soup1 = BeautifulSoup(page.content, 'html.parser')
    soup2 = BeautifulSoup(soup1.prettify(), 'html.parser')
    title = soup2.find(id ='productTitle').get_text(strip = True)
    price = soup2.find(class_ = 'a-price-whole').get_text(strip = True).replace(',', '')
    cents = soup2.find(class_ = 'a-price-fraction').get_text(strip = True)
    full_price = f"{float(price + cents):.2f}"
    date = datetime.date.today()
    #appending new rows of data
    length +=1
    new_data = [title, full_price, date]
    table.loc[length] = new_data
    excel_file_path = r'C:\Users\NAOMI KOYANA\Downloads\Laptop_Prices.xlsx'
    df_combined.to_excel(excel_file_path, index=False)
```

In [291…
```
minutes = 60 #seconds
hours = minutes * 60
day = 24 * hours
while (True):
    check_price()
    time.sleep(day)
```

In [292…
```
def send_mail():
    server = smtplib.SMTP_SSL('smtp.gmail.com',465)
    server.ehlo()
    #server.starttls()
    server.ehlo()
    server.login('naomikoyana099@gmail.com','xxxxxxxxxxxxx')

    subject = "Laptop Price Drop! Now is your chance to buy!"
    body = "Hey Naomi,\nThis is the moment you have been waiting for!\nNow is your chance to buy the laptop you have always wanted.\nIt' price has now d

    msg = f"Subject: {subject}\n\n{body}"

    server.sendmail(
        'naomikoyana099@gmail.com',
        msg

    )
```

In [ ]:

In [ ]:

In [ ]: