Project name: Capstone project

code:

import requests  
from bs4 import BeautifulSoup  
  
product\_to\_track = [  
 {  
 "URL": "https://www.limeroad.com/pink-cotton-blend-vaamsi-p19314214?imgIdx=3&reference\_story\_id=6690ba40cc8b5e081b794419",  
 "name": "Printed Kurta Pant Set",  
 "target\_price": 1000  
 },  
 {  
 "URL": "https://www.limeroad.com/yellow-cotton-blend-vaamsi-p21242372?imgIdx=3&src\_id=merge\_feed\_story\_\_0&reference\_story\_id=6690ba40cc8b5e081b794419",  
 "name": "Women Three Quarter Sleeve Suit Set",  
 "target\_price": 1100  
  
 },  
 {  
 "URL": "https://www.limeroad.com/blue-rayon-vaamsi-p20795328?imgIdx=3&src\_id=merge\_feed\_story\_\_0&reference\_story\_id=6690ba40cc8b5e081b794419",  
 "name": "Women Purple V Neck Floral Print Suit Set",  
 "target\_price": 900  
 },  
 {  
 "URL": "https://www.limeroad.com/lavender-tissue-scakhi-p20508762?imgIdx=3&df\_id=19314214&df\_type=similarRail&df\_val=19314214&df\_extra=vip",  
 "name": "Lavender Kurta Pant Set With Dupatta",  
 "target\_price": 3600  
 },  
 {  
 "URL": "https://www.limeroad.com/green-silk-scakhi-p20508765?imgIdx=3&df\_id=20508762&df\_type=similarRail&df\_val=20508762&df\_extra=vip",  
 "name": "Block Printed Kurta Pant & Dupatta Set",  
 "target\_price": 2700  
 }  
]  
  
def give\_product\_price(URL):  
 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"  
 }  
 page = requests.get(URL, headers=headers)  
 soup = BeautifulSoup(page.content, 'html.parser')  
 product\_price = soup.find(id="price")  
  
 return product\_price.getText()  
result\_file = open('my\_result\_file.txt','w')  
  
try:  
 for every\_product in product\_to\_track:  
 product\_price\_returned = give\_product\_price(every\_product.get("URL"))  
 print(product\_price\_returned + " - " + every\_product.get("name"))  
 my\_product\_price = product\_price\_returned[9:]  
 my\_product\_price = int(my\_product\_price)  
 print(my\_product\_price)  
  
 if my\_product\_price < every\_product.get("target\_price"):  
 print("available at your required price")  
 result\_file.write(  
 every\_product.get("name") + ' - \t' + ' Available at target price ' + ' current price - ' + str(  
 my\_product\_price) + '\n')  
 else:  
 print("still at current price")  
finally :  
 result\_file.close()