import requests

from bs4 import BeautifulSoup

products\_to\_track = [

{

"product\_url": "https://www.amazon.in/Samsung-Galaxy-Ocean-Blue-Storage/dp/B07HGJKDQL?ref\_=Oct\_s9\_apbd\_orecs\_hd\_bw\_b1yBwdz&pf\_rd\_r=55ER8G6AQWTCQRMB1Q3V&pf\_rd\_p=94baa1a4-2f06-554d-82db-8b9866e02276&pf\_rd\_s=merchandised-search-10&pf\_rd\_t=BROWSE&pf\_rd\_i=1805560031&tag=coa\_in-21",

"name": "Samsung M31",

"target\_price": 16000

},

{

"product\_url": "https://www.amazon.in/Test-Exclusive-668/dp/B07HGH88GL/ref=psdc\_1805560031\_t1\_B07HGJKDQL",

"name": "Samsung M21 6GB 128RAM",

"target\_price":16000

},

{

"product\_url": "https://www.amazon.in/Test-Exclusive-553/dp/B0784D7NFQ/ref=sr\_1\_12?crid=2RE70JAZ07V4M&dchild=1&keywords=redmi+note+9&qid=1599449618&s=electronics&sprefix=redmi+%2Celectronics%2C-1&sr=1-12",

"name": "Redmi Note 9 Pro",

"target\_price":17000

},{

}

]

def give\_product\_price(URL):

headers = {

"User-Agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_14\_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4147.105 Safari/537.36 OPR/70.0.3728.106"

}

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

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

product\_price = soup.find(id="priceblock\_dealprice")

if (product\_price == None):

product\_price = soup.find(id="priceblock\_ourprice")

return product\_price.getText()

result\_file = open('my\_result\_file.txt','w')

try:

for every\_product in products\_to\_track:

product\_price\_returned = give\_product\_price(every\_product.get("product\_url"))

print(product\_price\_returned + " - " + every\_product.get("name"))

my\_product\_price = product\_price\_returned[2:]

my\_product\_price = my\_product\_price.replace(',', '')

my\_product\_price = int(float(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()