

In [64]:

```
import time
import pandas as pd
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC
```

1. Write a python program which searches all the product under a particular product from www.amazon.in. The product to be searched will be taken as input from user. For e.g. If user input is 'guitar'. Then search for guitars.

In [32]:

```

# Start the Selenium WebDriver
driver = webdriver.Chrome() # Make sure you have chromedriver installed and on the path

# Ask user for the product to search
product_to_search = input("Enter the product to search: ")

# Open Amazon.in
driver.get("https://www.amazon.in/")

# Find the search box and enter the product to search
search_box = driver.find_element(By.ID, "twotabsearchtextbox")
search_box.send_keys(product_to_search)
search_box.send_keys(Keys.RETURN)

# Wait for the search results page to load
wait = WebDriverWait(driver, 10)
wait.until(EC.presence_of_element_located((By.CSS_SELECTOR, "div[data-index=0]")))

# Find all the product containers on the page
product_containers = driver.find_elements(By.CSS_SELECTOR, 'div[data-component="Product"]')

base_url = "https://www.amazon.in"

search_url = f"{base_url}/s?k={product_to_search.replace(' ', '+')}}"

print(search_url)
print()

for container in product_containers:
    try:
        product_title_element = container.find_element(By.CSS_SELECTOR, "span[data-cy='product-title']")
        product_title = product_title_element.get_attribute("innerHTML").strip()

        product_url_element = container.find_element(By.CSS_SELECTOR, "a[data-cy='product-url']")
        product_url = product_url_element.get_attribute("href")

        print("Title:", product_title)

        print("URL:", product_url)

        print("-" * 50)

    except:
        continue

```

Enter the product to search: guitar
https://www.amazon.in/s?k=guitar

Title: Kadence Frontier Jumbo Semi Acoustic Guitar With Die Cast Keys, Super Combo (Bag, 1 pack Strings, Strap, Picks, Capo (Black))
URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5O

jE2ODcyNDk00DU6c3BfYXRmOjIwMTIxNzg0MjQwOTk4OjowOjo&url=%2FKadence-Frontier-Acoustic-Guitar-Equalizer%2Fdp%2FB01HRIHJWY%2Fref%3Dsr_1_1_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26sprefix%3D%252Caps%252C265%26sr%3D8-1-spons%26sp_csd%3Dd2lkZ2V0TmFtZT1zcF9hdGY%26psc%3D1

Title: Kadence Frontier guitar with Online Guitar learning course , Wine Red Acoustic Guitar with Die Cast Keys, Set of Strings, Strap, Picks and Bag (Wine Red, Acoustic)

URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk00DU6c3BfYXRmOjIwMDk2NjA4NzUwNDk4OjowOjo&url=%2FKadence-Frontier-Acoustic-Guitar-Strings%2Fdp%2FB01GDZ46AA%2Fref%3Dsr_1_2_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26sprefix%3D%252Caps%252C265%26sr%3D8-2-spons%26sp_csd%3Dd2lkZ2V0TmFtZT1zcF9hdGY%26psc%3D1

Title: Hovner Royal Metallic Black F-Cut Rosewood Fretboard Acoustic Guitar With Bag,Strap,1 Set of Extra Strings and 2 Picks V2

URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk00DU6c3BfYXRmOjMwMDAwMjUwMjA4MDkzMjo6MDo6&url=%2FHovner-Royal-Metallic-Rosewood-Fretboard%2Fdp%2FB099ZF445W%2Fref%3Dsr_1_3_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26sprefix%3D%252Caps%252C265%26sr%3D8-3-spons%26sp_csd%3Dd2lkZ2V0TmFtZT1zcF9hdGY%26psc%3D1

Title: Hovner Carlton Special Quality Rosewood Fretboard Blue Semi Acoustic Guitar With Bag,Strap,1 Set of Extra Strings and 2 Picks By K-Retail (Blue)

URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk00DU6c3BfYXRmOjMwMDAwMjUwMjA4MTQzMjo6MDo6&url=%2FCarlton-Rosewood-Fretboard-Acoustic-K-Retail%2Fdp%2FB07KK8P9VB%2Fref%3Dsr_1_4_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26sprefix%3D%252Caps%252C265%26sr%3D8-4-spons%26sp_csd%3Dd2lkZ2V0TmFtZT1zcF9hdGY%26psc%3D1

Title: Juárez Acoustic Guitar, 38 Inch Cutaway, 038C with Bag, Strings, Pick and Strap, Black

URL: https://www.amazon.in/Juarez-Acoustic-Cutaway-038C-Strings/dp/B017NPCSLI/ref=sr_1_5?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-5

Title: Intern INT-38C Right hand Acoustic Guitar Kit, With Bag, Strings, Pick And Strap, Black, small

URL: https://www.amazon.in/Intern-INT-38C-Acoustic-Guitar-Black/dp/B073B6TQQY/ref=sr_1_6?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-6

Title: Juarez Lindenwood Acoustic Guitar Kit, 38 Inches Cutaway, 38C With Bag, Strings, Pick And Strap, 3TS Sunburst

URL: https://www.amazon.in/JUAREZ-JRZ38C-Acoustic-Sunburst-Strings/dp/B01FYTDTU/ref=sr_1_7?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-7

Title: Yamaha F280 Acoustic Rosewood Guitar (Natural, Beige)

URL: https://www.amazon.in/Yamaha-F280-Acoustic-Guitar-Natural/dp/B08317Y4VP/ref=sr_1_8?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-8

Title: Juarez Lindenwood Acoustic Guitar Kit, 38 Inches Cutaway, 38C With Bag, Strings, Pick And Strap, TBS Transparent (Blue Sunburst)

URL: https://www.amazon.in/JUAREZ-JRZ38C-Acoustic-Sunburst-Strings/dp/B01FYTDS6/ref=sr_1_9?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-9

2Caps%2C265&sr=8-9

Title: Kadence Frontier guitar with Online Guitar learning course , Wine Red Acoustic Guitar with Die Cast Keys, Set of Strings, Strap, Picks and Bag (Wine Red, Acoustic)

URL: https://www.amazon.in/Kadence-Frontier-Acoustic-Guitar-Strings/dp/B01GDZ46AA/ref=sr_1_10?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-10

Title: Intern 38C Acoustic Steel-string Guitar Premium White Cutaway Design with carry bag, strings, guitar strap and plectrums (INT-38C-WH)

URL: https://www.amazon.in/Intern-Acoustic-Steel-string-plectrums-INT-38C-WH/dp/B09LR94Z2X/ref=sr_1_11?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-11

Title: Juarez Lindenwood Acoustic Guitar, 38 Inches Curved Body Cutaway, 38 CUR With Bag, Strings, Pick And Strap (Black)

URL: https://www.amazon.in/Juarez-Acoustic-Guitar-Cutaway-Strings/dp/B076QHZ4HZ/ref=sr_1_12?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-12

Title: Revel 38 Inches Cutaway Design Acoustic Guitar with Carry bag and Plectrums. Great tone and Beginner/Learners standard size configuration for all age groups (Sunburst)

URL: https://www.amazon.in/Revel-RVL-38C-LGP-3TS-Linden-Acoustic-Sunburst/dp/B085HV4YW7/ref=sr_1_13?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-13

Title: Henrix 38C 38 Inch Cutaway Acoustic Guitar With Dual Action Truss Rod, Gigbag, Picks, String Set, String Winder, Strap, Polishing Cloth & E book - Black

URL: https://www.amazon.in/Henrix-Acoustic-Guitar-Die-cast-Dual-action/dp/B07VNDW6QF/ref=sr_1_14?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-14

Title: Intern INT-38C Acoustic Guitar Kit (Blue)

URL: https://www.amazon.in/Intern-INT-38C-Acoustic-Guitar-Blue/dp/B073B5RZBV/ref=sr_1_15?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-15

Title: Ibanez MD39C-NT Rose Wood Acoustic Guitar (Natural), Designed in Japan and Made Specially for India

URL: https://www.amazon.in/Ibanez-IBA-MD39CNT-Acoustic-Guitar-MD39C-NT/dp/B07G4CCMYL/ref=sr_1_16?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-16

Title: Yamaha 22.8 Inches Merantiwood Classical Guitar C40//02 (Brown)

URL: https://www.amazon.in/Yamaha-Classical-Guitar-C40-02/dp/B003UGCUFE/ref=sr_1_17?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-17

Title: Kadence rosewood Guitar Frontier Series, Electric Acoustic Black Guitar With EQ, Die Cast Keys, Set Of Strings, Strap, Picks And Bag (Black EQ, Electric Acoustic)

URL: https://www.amazon.in/Kadence-Frontier-Acoustic-Guitar-Strings/dp/B078GTJP5Y/ref=sr_1_18?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-18

 Title: Medellin 38" Acoustic Guitar premium wood with adjustable Truss-rod, free online learning course, Set Of Strings, Strap, Bag and 3 Picks (Sunburst Truss Rod)..... (white)
 URL: https://www.amazon.in/Medellin-Acoustic-adjustable-Truss-rod-learning/dp/B0BMKX4HNP/ref=sr_1_19?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-19

Title: Yamaha FSX80C Semi acoustic cutaway guitar (Black)
 URL: https://www.amazon.in/Yamaha-FSX80C-Acoustic-Cutaway-Guitar/dp/B09HL5WFDX/ref=sr_1_20?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-20

Title: ESH Creations E41CHEQ Jumbo High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Black)
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfbXRmOjIwMTE0MTEyODI4Mjk4OjowOjo&url=%2FESH-Creations-E41CHEQ-Acoustic-Strings%2Fdp%2FB0BMGJF5P4%2Fref%3Dsr_1_21_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-21-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9tdGY%26psc%3D1

Title: ESH Creations E40CHEQ High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Black)
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfbXRmOjIwMTE0MTEyODI3Nzk4OjowOjo&url=%2FESH-Creations-E40CHEQ-Acoustic-Strings%2Fdp%2FB0BMG81LCG%2Fref%3Dsr_1_22_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-22-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9tdGY%26psc%3D1

Title: ESH Creations E39CHEQ High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Black)
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfbXRmOjIwMTE0MTEyODI4Njk4OjowOjo&url=%2FESH-Creations-E39CHEQ-Acoustic-Strings%2Fdp%2FB0BMVQX17G%2Fref%3Dsr_1_23_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-23-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9tdGY%26psc%3D1

Title: Vault DA40 41 Inch Premium Solid Spruce-Top Dreadnought Acoustic Guitar With Allen Key
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfbXRmOjIwMDkyNjI0MDIxNDk4OjowOjo&url=%2FPremium-Spruce-Top-Dreadnought-Acoustic-Guitar%2Fdp%2FB0BJK1CWSN%2Fref%3Dsr_1_24_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-24-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9tdGY%26psc%3D1

Title: Revel 38 Inches Cutaway Design Acoustic Guitar with Carry bag and Plectrums. Great tone and Beginner/Learners standard size configuration for all age groups (Black)...

URL: https://www.amazon.in/Acoustic-Plectrums-Beginner-Learners-configuration/dp/B0B4SSB8BJ/ref=sr_1_25?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-25

Title: Intern INT-38C Lindenwood Acoustic Guitar Kit (Sunburst) With Carry Bag, Picks, Strings Set And Guitar Strap (Small)
 URL: https://www.amazon.in/Intern-INT-38C-Acoustic-Guitar-Sunburst/dp/B073B5MJRM/ref=sr_1_26?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-26

 Title: YAMAHA FX280 Natural Electro Acoustic Guitar
 URL: https://www.amazon.in/Yamaha-FX280-acoustic-Dreadnought-Natural/dp/B09HR6BNFQ/ref=sr_1_27?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-27

Title: Kadence Slowhand Premium Jumbo Semi Acoustic Guitar with Heavy Padde d Bag, guitar cable, Pro Capo (Black Spruce Wood)
 URL: https://www.amazon.in/Kadence-Slowhand-Premium-Acoustic-Instrument/dp/B077SZ667X/ref=sr_1_28?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-28

Title: INTERN 40 inches Acoustic Guitar with Pick-up & truss rod, carry bag, strings pack, strap & picks. Premium Wooden durable built, Best to nal stability with professional sound amplificaiton. (Blue)....
 URL: https://www.amazon.in/Acoustic-Pick-up-stability-professional-amplificaiton/dp/B09YH89JZQ/ref=sr_1_29?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-29

Title: Medellin M38 carbon fiber body 38 Inches Acoustic Guitar (Blue Bur st) Durable Matt finish With hAndrest, strings, strap, bag, 3 Picks, capo, stAnd
 URL: https://www.amazon.in/Medellin-Acoustic-Guitar-Carbon-Learning/dp/B09MSGMQ3Y/ref=sr_1_30?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-30

Title: Yamaha F310, 6-Strings Acoustic Guitar, Natural
 URL: https://www.amazon.in/Yamaha-F310-Acoustic-Guitar-Natural/dp/B08Z3C1GRM/ref=sr_1_31?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-31

Title: INTERN 41 inches Cutaway Shape Acoustic Guitar with truss rod. Inclu des plectrums. Premium Wooden durable built, Best tonal s
 URL: https://www.amazon.in/Acoustic-plectrums-stability-resistance-Electric/dp/B09YH937P2/ref=sr_1_32?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-32

Title: Medellin 38" Acoustic Guitar Carbon Fiber body+(Free Online Learning Course) - Durable Matt finish with handrest, strings, strap, bag, 3 Picks, capo, stand. (natural)
 URL: https://www.amazon.in/Medellin-carbn-guitar-38inch-NATURAL/dp/B09MSHD6TS/ref=sr_1_33?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-33

Title: Yamaha F370 Acoustic Guitar, Natural
 URL: https://www.amazon.in/Yamaha-F370-Acoustic-Guitar-Natural/dp/B000WITPJM/ref=sr_1_34?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-34

Title: Fender Acoustic Guitar Dreadnought FA-125 Black 971210706 Right-Hand ed One of The Most reputed Guitar Brands in the World
 URL: https://www.amazon.in/Fender-Dread-String-Acoustic-Guitar/dp/B07RM21D8X/ref=sr_1_35?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&sprefix=%2Caps%2C265&sr=8-35

Title: Medellin M38 carbon fiber body 38 Inches Acoustic Guitar (Black) D urable Matt finish With hAndrest, strings, strap, bag, 3 Picks, capo, stAnd

URL: https://www.amazon.in/Medellin-Acoustic-Guitar-Carbon-Learning/dp/B09MSGQQWX/ref=sr_1_36?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-36

Title: Cort AF510E Semi-Acoustic Guitar - Black
URL: https://www.amazon.in/Cort-AF510E-Semi-Acoustic-Guitar-Black/dp/B00L5F93DE/ref=sr_1_37?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-37

Title: Fender Acoustic Guitar Dreadnought Solid CD60S Black 970110006 Right-Hand One of The Most reputed Guitar Brands in the World
URL: https://www.amazon.in/Fender-Classic-Design-Dreadnought-Acoustic/dp/B07HYS18LJ/ref=sr_1_38?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-38

Title: Fender 0971210521 (FA-125 Dreadnought w/bag, Walnut Fingerboard, Natural)
URL: https://www.amazon.in/Fender-Alternative-String-Acoustic-971210521/dp/B07LD8RZVR/ref=sr_1_39?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-39

Title: Cort 6 Strings Acoustic Guitar, Spruce Top Brown With Padded Bag, Belt, Mahogany Back & Sides, Plectrums & Guitar Tuner Complete Pack A D810-OP
URL: https://www.amazon.in/Cort-CAP810-OP-Acoustic-Plectrums-Complete/dp/B08D7SWG5/ref=sr_1_40?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-40

Title: Epiphone SG Muse 6 String Right Handed Electric Guitar, Inspired by Gibson Series, Smoked Almond Metallic
URL: https://www.amazon.in/Epiphone-String-Electric-Inspired-Metallic/dp/B08BGCW2GB/ref=sr_1_41?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-41

Title: Yamaha GL1 Guitarlele Guitar (Natural) With Gig Bag.
URL: https://www.amazon.in/Yamaha-GL1-Guitarlele-Guitar-Natural/dp/B09NRZFJKC/ref=sr_1_42?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-42

Title: Yamaha FS100C Acoustic Guitar, Natural
URL: https://www.amazon.in/Yamaha-FS100C-Acoustic-Guitar-Natural/dp/B08Z3DVN8N/ref=sr_1_43?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-43

Title: Yamaha FX280 Tobacco Brown Sunburst Electro Acoustic Guitar
URL: https://www.amazon.in/FX280-acoustic-Dreadnought-Tobacco-Sunburst/dp/B09HR7BXGW/ref=sr_1_44?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-44

Title: Fender Acoustic Guitar Dreadnought Cutaway Electronics FA-125CE Natural Right-Hand 0971113221 One of The Most reputed Guitar Brands in the World
URL: https://www.amazon.in/Fender-FA-125CE-Dreadnought-Fingerboard-Natural/dp/B07R16NMKH/ref=sr_1_45?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-45

Title: JUAREZ Arpeggio 99.06 cm (39 Inch) Acoustic Guitar Kit, Spruce Top,

Rosewood Fretboard & Bridge, Truss Rod, Chrome Die Cast Machine Tuners, Black

URL: https://www.amazon.in/JUAREZ-Arpeggio-Acoustic-Rosewood-Fretboard/dp/B08LBHB547/ref=sr_1_46?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-46

Title: Cort AF515CE 6-String Electro Acoustic Guitar - Open Pore, AF515CEOP

URL: https://www.amazon.in/Cort-AF515CE-6-String-Electro-Acoustic/dp/B07P6XSHQC/ref=sr_1_47?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-47

Title: Kadence Frontier 34inch guitar for Kids, Travel Guitar for Adult Aco ustic Guitar with Die Cast Keys, Set of Strings, Strap, Picks and Bag (Blac k Guitar)

URL: https://www.amazon.in/Kadence-Professional-Guitar-Years-Strings/dp/B07YZK5B2Z/ref=sr_1_48?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fi x=%2Caps%2C265&sr=8-48

Title: Medellin 38" Acoustic Guitar premium wood, free online learning cour se, Set Of Strings, Strap, Bag and 3 Picks Blue

URL: https://www.amazon.in/Medellin-MED-BLU-C-Linden-Acoustic-Guitar/dp/B07NBMWHJW/ref=sr_1_49?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fi x=%2Caps%2C265&sr=8-49

Title: Intern 38C Ebony Wood Cutaway Design Acoustic Guitar with Picks And Carry Bag (Black)

URL: https://www.amazon.in/Intern-38-inch-Cutaway-Design-Acoustic/dp/B07X4PN85R/ref=sr_1_50?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-50

Title: Ibanez MD39C Cutaway Acoustic Guitar - Sunburst, MD-39CDB (IBA-MD39C SB)

URL: https://www.amazon.in/Ibanez-MD39C-NT-Cutaway-Acoustic-MD39CSB/dp/B07KYKTRKX/ref=sr_1_51?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-51

Title: Martin Smith W-101-SB-PK Acoustic Guitar Super Kit with Stand (Sun B urst)

URL: https://www.amazon.in/Martin-Smith-W-101-SB-PK-Acoustic-Guitar/dp/B019MY0ZGI/ref=sr_1_52?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-52

Title: JUAREZ Arpeggio Guitar JRA41SP-RD-K, red

URL: https://www.amazon.in/JUAREZ-Arpeggio-Guitar-JRA41SP-RD-K-red/dp/B08MW8CWG8/ref=sr_1_53?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-53

Title: Pluto HW34-101 34inch Baby Acoustic Guitar (Red)

URL: https://www.amazon.in/Pluto-HW34-101-34inch-Acoustic-Guitar/dp/B08VN9SRHC/ref=sr_1_54?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fix=%2Caps%2C265&sr=8-54

Title: Juarez JRZ-ST01 38 Inches Wood 6-String Electric Guitar, Right Hande d, Full Black, With Case/Bag And Picks (Black)

URL: https://www.amazon.in/Juarez-JRZ-ST01-6-String-Electric-Without/dp/B01FYZSOGM/ref=sr_1_55?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&spre fi x=%2Caps%2C265&sr=8-55

 Title: JUAREZ JRZ41C 41 Inch ACOUSTIC GUITAR WITH ACC (3TS SUNBURST)
 URL: https://www.amazon.in/JUAREZ-JRZ41C-ACOUSTIC-GUITAR-SUNBURST/dp/B07X1XQC4Z/ref=sr_1_56?crid=324VDB7SVM0S&keywords=guitar&qid=1687249485&srefix=%2Caps%2C265&sr=8-56

Title: GUITAR BRO - COMBO (Blue Acoustic Guitar for Beginner, Guitar Learning Kit, Song Book, Video Lectures, Accessories like Pick, Bag)
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfYnRmOjIwMMDxNjg4MjI2MzAxOjowOjo&url=%2FGUITAR-BRO-Acoustic-Beginner-Accessories%2Fdp%2FB07TC7TWC%2Fref%3Dsr_1_57_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-57-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9idGY%26psc%3D1

Title: Right Search ® Mini Musical Guitar Toy _g1
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfYnRmOjIwMDC3ODY4NTg2Mjk4OjowOjo&url=%2FRight-Search-Mini-Musical-Guitar%2Fdp%2FB0B6FJNP9S%2Fref%3Dsr_1_58_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-58-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9idGY%26psc%3D1

Title: Cort AD810 Dreadnought Acoustic Guitar with Gig Bag, Tuner, Picks and Strap (Natural Bundle)
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfYnRmOjIwMDE5NjI1NTkyMTA0OjowOjo&url=%2FCort-AD810-Dreadnought-Acoustic-Guitar%2Fdp%2FB07KMBVR6V%2Fref%3Dsr_1_59_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-59-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9idGY%26psc%3D1

Title: Vault Traveller 34 Inch Acoustic Guitar With Truss Rod, Gig-Bag, Strap, Strings, Polishing Cloth, String Winder, Picks & E-Book - Natural Gloss
 URL: https://www.amazon.in/sspa/click?ie=UTF8&spc=MToxNDAwNTc2NTgxMzU3NDY5OjE2ODcyNDk0ODU6c3BfYnRmOjIwMMD2MjQ0NTU5NTk4OjowOjo&url=%2FTraveller-Acoustic-Guitar-Strings-Polishing%2Fdp%2FB07RK9962M%2Fref%3Dsr_1_60_sspa%3Fcrid%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249485%26srefix%3D%252Caps%252C265%26sr%3D8-60-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9idGY%26psc%3D1

2. In the above question, now scrape the following details of each product listed in first 3 pages of your search results and save it in a data frame and csv. In case if any product has less than 3 pages in search results then scrape all the products available under that product name. Details to be scraped are: "Brand- Name", "Name of the Product", "Price", "Return/Exchange", "Expected Delivery", "Availability" and "Product URL". In case, if any of the details are missing for any of the product then replace it by "-".

In [34]:

```
# Wait for the search results page to load
wait = WebDriverWait(driver, 10)
wait.until(EC.presence_of_element_located((By.CSS_SELECTOR, "div[data-index]")))

# Scrape details from multiple pages
page_count = 0
products_data = []
while page_count < 3:
    # Find all the product containers on the page
    product_containers = driver.find_elements(By.CSS_SELECTOR, 'div[data-cs]')

    # Iterate over each product container and scrape the details
    for container in product_containers:
        product_data = {}
        try:
            product_title_element = container.find_element(By.CSS_SELECTOR, 'h2')
            product_title = product_title_element.get_attribute("innerHTML")
        except:
            product_title = "-"
        try:
            product_brand_element = container.find_element(By.CSS_SELECTOR, 'p')
            product_brand = product_brand_element.get_attribute("innerHTML")
        except:
            product_brand = "-"
        try:
            product_url_element = container.find_element(By.CSS_SELECTOR, 'a')
            product_url = product_url_element.get_attribute("href")
        except:
            product_url = "-"
        try:
            product_price_element = container.find_element(By.CSS_SELECTOR, 'p')
            product_price = product_price_element.get_attribute("innerHTML")
```

```

except:
    product_price = "-"
try:
    product_return_element = container.find_element(By.CSS_SELECTOR, "a")
    product_return = product_return_element.get_attribute("innerHTML")
except:
    product_return = "-"
try:
    product_delivery_element = container.find_element(By.XPATH, ".//div")
    product_delivery = product_delivery_element.get_attribute("innerHTML")
except:
    product_delivery = "-"
try:
    product_avail_element = container.find_element(By.XPATH, ".//div")
    product_avail = product_avail_element.get_attribute("innerHTML")
except:
    product_avail = "-"

# Store the scraped data in a dictionary
product_data["Brand Name"] = product_brand
product_data["Name of the Product"] = product_title
product_data["Price"] = product_price
product_data["Return/Exchange"] = product_return
product_data["Expected Delivery"] = product_delivery
product_data["Availability"] = product_avail
product_data["Product URL"] = product_url

products_data.append(product_data)

# Check if there is a "Next" button to navigate to the next page
next_button = driver.find_element(By.LINK_TEXT, "Next")
if next_button.get_attribute("aria-disabled") == "true":
    break
else:
    next_button.click()
    page_count += 1
    time.sleep(2) # Add a small delay between pages

# Close the browser
driver.quit()

pd.set_option('display.max_colwidth', None)

# Create a DataFrame from the scraped data
df = pd.DataFrame(products_data)

# Save the DataFrame to a CSV file
df.to_csv("product_details.csv", index=False)

# Display the DataFrame
print(df)

```

	Brand Name \
0	ESH
1	ESH
2	ESH

```

3      GUITAR
4      JUAREZ
..      ...
159    Fender
160    Fender
161    Tanglewood
162    A,Acoustio
163    Vault

```

Name of the Product \

```

0      ESH Creations E41CHEQ Jumbo High Gloss
Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Bel
t, 3 Picks (Brown)
1      ESH Creations E40CHEQ High Gloss S
emi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Bel
t, 3 Picks (Natural)
2      ESH Creations E39CHEQ High Gloss S
emi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Bel
t, 3 Picks (Natural)
3      GUITAR BRO - COMBO (Black Acoustic G
uitar for Beginner, Guitar Learning Kit, Song Book, Video Lectures, Accesso
ries like Pick, Bag)
4      JUAREZ Acoustic Guitar 3xE 1st String & 2 Pick Set JRGSE32
..
...
159    Fender Acoustic Guitar with Cutaway El
ectronics CD60SCE Black 970113006 Right-Hand One of The Most reputed Guitar
Brands in the World
160    Fender Acoustic Guitar with Cutaway Elec
tronics CD60SCE Black 970113006 Right-Handed One of The Most reputed Guitar
Brands in the World
161    Tanglewo
od Crossroads TWCR D Acoustic Guitar, 6 Strings, Dreadnought, Whiskey Barre
l Burst Satin Finish
162    A,Acoustio 41 i
nch 21 fret black matt finish venus acoustic guitar. with cover,1set string
,2plectums, 1belt...
163    Vault EA20CE Electro Acoustic Guitar Kit with Learn to Play Ebook, Bag
, Strings, Straps, Picks, String winder & Polishing Cloth - 40 inch Cut
away Acoustic Guitar

```

	Price	Return/Exchange	Expected Delivery	Availability \
0	6,497	-	Tuesday, 27 June	-
1	5,897	-	Tuesday, 27 June	-
2	5,397	-	Monday, 3 July	Only 1 left in stock.
3	8,999	-	Thursday, 22 June	-
4	75	-	Tomorrow, 21 June	-
..
159	23,999	-	Tomorrow, 21 June	-
160	78,375	-	Tomorrow, 21 June	Only 1 left in stock.
161	9,999	-	Tomorrow, 21 June	-
162	3,190	-	Sunday, 25 June	-
163	5,224	-	Tomorrow, 21 June	-

Product URL

0 https://www.amazon.in/sspa/click?ie=UTF8&spc=MTo2NDcwNDQzNDc2MDExNjU3OjE2ODcyNDk1NDA6c3BfYXRmX25leHQ6MjAxMTQxMTI4Mjc4OTg6OjA6Og&url=%2FESH-Creations-E41CHEQ-Acoustic-Strings%2Fdp%2FB0BMGG1Q21%2Fref%3Dsr_1_49_sspa%3Fcri d%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249540%26sprefix%3D%252Cap s%252C265%26sr%3D8-49-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9hdGZfbmV4dA%26psc %3D1

1 https://www.amazon.in/sspa/click?ie=UTF8&spc=MTo2NDcwNDQzNDc2MDExNjU3OjE2ODcyNDk1NDA6c3BfYXRmX25leHQ6MjAxMTQxMTI4Mjc4OTg6OjA6Og&url=%2FESH-Creations-E40CHEQ-Acoustic-Strings%2Fdp%2FB0BMG7BB82%2Fref%3Dsr_1_50_sspa%3Fcri d%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249540%26sprefix%3D%252Cap s%252C265%26sr%3D8-50-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9hdGZfbmV4dA%26psc %3D1

2 https://www.amazon.in/sspa/click?ie=UTF8&spc=MTo2NDcwNDQzNDc2MDExNjU3OjE2ODcyNDk1NDA6c3BfYXRmX25leHQ6MjAxMTQxMTI4Mjc4OTg6OjA6Og&url=%2FESH-Creations-E39CHEQ-Acoustic-Strings%2Fdp%2FB0BMVQLWF7%2Fref%3Dsr_1_51_sspa%3Fcri d%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249540%26sprefix%3D%252Cap s%252C265%26sr%3D8-51-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9hdGZfbmV4dA%26psc %3D1

3 https://www.amazon.in/sspa/click?ie=UTF8&spc=MTo2NDcwNDQzNDc2MDExNjU3OjE2ODcyNDk1NDA6c3BfYXRmX25leHQ6MjAwMzE2ODgyMjYyMDE6OjA6Og&url=%2FGUITAR-BRO -Acoustic-Beginner-Accessories%2Fdp%2FB07T84GC8L%2Fref%3Dsr_1_52_sspa%3Fcri d%3D324VDB7SVM0S%26keywords%3Dguitar%26qid%3D1687249540%26sprefix%3D%252Cap s%252C265%26sr%3D8-52-spons%26sp_csd%3Dd2lkZ2V0TmFtZTlzcF9hdGZfbmV4dA%26psc %3D1

4 https://www.amazon.in/JUAREZ-Acoustic-Guitar-String-JRGSE32/dp/B08MW1WPW5/r ef=sr_1_53?crid=324VDB7SVM0S&keywords=guitar&qid=1687249540&sprefix=%2Caps% 2C265&sr=8-53

..

...

159

https://www.amazon.in/Fender-0970113006-CD-60SCE-Dreadnought-Fingerboard/dp /B07F39CHYZ/ref=sr_1_186?crid=324VDB7SVM0S&keywords=guitar&qid=1687249600&s prefix=%2Caps%2C265&sr=8-186

160

https://www.amazon.in/Fender-Player-Telecaster-Electric-Guitar/dp/B07CXKKB1 W/ref=sr_1_187?crid=324VDB7SVM0S&keywords=guitar&qid=1687249600&sprefix=%2C aps%2C265&sr=8-187

161

https://www.amazon.in/Tanglewood-Crossroads-Acoustic-Strings-Dreadnought/dp /B016KJHWGY/ref=sr_1_188?crid=324VDB7SVM0S&keywords=guitar&qid=1687249600&s prefix=%2Caps%2C265&sr=8-188

162

https://www.amazon.in/Acoustio-venus-acoustic-guitar-2plectums/dp/B096YGTyB 7/ref=sr_1_189?crid=324VDB7SVM0S&keywords=guitar&qid=1687249600&sprefix=%2C aps%2C265&sr=8-189

163

https://www.amazon.in/Cutaway-Electro-Acoustic-Strings-Polishing/dp/B093VHQ ZGD/ref=sr_1_190?crid=324VDB7SVM0S&keywords=guitar&qid=1687249600&sprefix=% 2Caps%2C265&sr=8-190

[164 rows x 7 columns]

In [35]:

```
df2 = pd.read_csv('product_details.csv')
df2

def make_clickable(val):
    # target _blank to open new window
    return '<a target="_blank" href="{}">{}</a>'.format(val, val)

## display dataframe
df2.style.format({'Product URL': make_clickable})
```

Out[35]:

	Brand Name	Name of the Product	Price	Return/Exchange	Expected Delivery	Availability	
0	ESH	ESH Creations E41CHEQ Jumbo High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Brown)	6,497	-	Tuesday, 27 June	-	http Str
1	ESH	ESH Creations E40CHEQ High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Natural)	5,897	-	Tuesday, 27 June	-	http: Str
2	ESH	ESH Creations E39CHEQ High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Natural)	5,397	-	Monday, 3 July	Only 1 left in stock.	https: Str
3	GITAR	GITAR BRO - COMBO (Black Acoustic Guitar for Beginner, Guitar Learning Kit, Song Book, Video Lectures, Accessories like Pick, Bag)	8,999	-	Thursday, 22 June	-	htt Acc
4	JUAREZ	JUAREZ Acoustic Guitar 3xE 1st String & 2 Pick Set JRGSE32	75	-	Tomorrow, 21 June	-	ht

5	Kadence	Kadence Concert Sized Ukulele 24inch (Built in Equalizer) With Bag and Tuner (Saple Wood With Binding)	3,999	-	Thursday, 22 June	-	http:
6	Yamaha	Yamaha FS100C Acoustic Guitar, Black	9,879	-	Saturday, 24 June	-	http:
7	Intern	Intern INT-38C Acoustic Guitar Kit (Red)	2,345	-	Tomorrow, 21 June	-	
8	INTERN	INTERN Cutaway Design Acoustic Guitar Pack - Humidity Proof, Bend resistance, Durable Action, Natural tone & bright resonance. Black Carbon Fibre/Fiber Guitar with Bag, Strap, Strings set & Plectrums.	2,599	-	Thursday, 22 June	Only 1 left in stock.	
9	Juárez	Juárez JRZ38C/ZEB 6 Strings Acoustic Guitar 38 Inch Cutaway, Right Handed, Zebrawood with Bag, Strings, Picks and Strap	2,944	-	Tomorrow, 21 June	-	http:
10	JUAREZ	JUAREZ 38 Inches Lindenwood Acoustic Guitar With Dual Action Truss Rod, Bag, Picks, Allen Key, Extra String Set, TBLS Blue Sunburst	3,224	-	Tomorrow, 21 June	-	
11	Juarez	Juarez Acoustic Guitar, [LEFT HANDED] 38 Inch Cutaway, 38CL/BK with Bag, Strings, Pick and Strap, Black	2,630	-	Tomorrow, 21 June	-	
		Washburn WD10					

12	Washburn	Dreadnought Acoustic Guitar, Natural, black (WD-10S B)	10,790	-	Saturday, 24 June	Only 1 left in stock.	http:
13	Intern	Intern INT-38C-NT-G 38 Inches lindenwood Right Handed Acoustic Guitar Kit With Bag, Strings, Pick And Strap (Natural, 6-Strings)	2,393	-	Tomorrow, 21 June	-	
14	Sterling	Sterling by Music Man StingRay Guitar in in Daphne Blue (Model: SR30-DBL-R1)	34,927	-	Thursday, 22 June	Only 2 left in stock.	
15	Intern	Intern INT-38C-BK-G Cutaway Right Handed Acoustic Guitar Kit, with Bag, Nickel Strings, Pick And Strap (Black) -6 Strings	1,999	-	Tomorrow, 21 June	-	
16	Juárez	Juárez JRZ38C/MAH 6 Strings Acoustic Guitar 38 Inch Cutaway, Right Handed, Mahogany with Bag, Strings, Picks and Strap	2,792	-	Tomorrow, 21 June	-	http:
17	JUAREZ	JUAREZ Arpeggio 39 Inch Acoustic Guitar Kit, Spruce Top, Rosewood Fretboard & Bridge, Truss Rod, Chrome Die Cast Machine Tuners, Red	5,965	-	Tomorrow, 21 June	-	
18	Blueberry	Blueberry 38C, 38" Acoustic Guitar Kit with Bag, Strap, One Pack Strings And Picks (Black)	2,303	-	Tuesday, 27 June	-	
		YAMAHA F310,					

19	YAMAHA	6-Strings Rose Wood Acoustic Guitar, Natural	9,700	-	Tuesday, 27 June	-	h
20	Kordz	Kordz Luana Black Matt Rosewood Fretboard Acoustic Guitar With Bag, Strap, 1 Set of Extra Strings and 2 Picks V5	3,695	-	Monday, 3 July	Only 1 left in stock.	h Stri
21	Ketostics®	Ketostics® Givson Venus Special Guitar Combo (BLACK) Acoustic Guitar With Cover/Bag, Rhythm String Set, Strap and 5 Plectrums	4,299	-	Wednesday, 28 June	-	h Plec
22	GIVSON	GIVSON Ketostics Venus Special Guitar (black) with bag, string set, belt and 5 picks	4,299	-	Wednesday, 28 June	-	I Ac
23	SG	SG Musical Guitar Belt, Guitar 4 pc. Silicon Protector, 4 pins	259	-	Tuesday, 27 June	-	Prot
24	Yamaha	Yamaha F280 Acoustic Guitar, Tobacco Brown Sunburst	-	-	-	-	ht
25	Intern	Intern INT-38C Natural Linden Wood Acoustic Guitar Kit with Carry Bag & Picks	2,625	-	Tuesday, 4 July	Only 1 left in stock.	
26	Juarez	Juarez Acoustic Guitar, 38 Inch Cutaway with Pick Guard, 38CPG with Bag, Strings, Pick and Strap, Black	2,640	-	Tomorrow, 21 June	-	
27	Intern	Intern INT-38C Acoustic Guitar Kit (Purple)	2,369	-	Thursday, 22 June	-	
		Juárez Acoustic					

28	Juárez	Guitar, 38 Inch Cutaway, JRZ38CT, Hippie Funky Design, with Bag, Picks, Strap & Extra String set	2,478	-	Tomorrow, 21 June	-	l
29	Hovner	Hovner 215 Black Left Handed F- Cut Rosewood Fretboard Acoustic Guitar With Bag, Strap, 1 Set of Extra Strings and 2 Picks (Left Handed)	4,391	-	Monday, 3 July	Only 2 left in stock.	hi
30	Orangewood	Orangewood Rey-M Grand Auditorium Cutaway Layered Mahogany Top Acoustic Guitar	15,690	-	Friday, 23 June	-	
31	JUAREZ	JUAREZ Wood Acoustic Guitar, [Left Handed] 96.52 Cm (38 Inch) Cutaway, 38C/Tbls With Bag, Strings, Pick And Strap, Blue Sunburst	2,640	-	Tomorrow, 21 June	-	r
32	Washburn	Washburn WD10 Dreadnought Acoustic Guitar - Natural (WD10S)	11,500	-	Thursday, 22 June	-	https
33	Intern	Intern INT-38C 38 Inches basswood-BLS- G Cutaway Right HAnded Acoustic Guitar Kit, With Bag, Strings, Pick And Strap (Blue, 6 Strings)	2,393	-	Tomorrow, 21 June	-	
34	Fender	Fender Squier Affinity Strat HSS Pack Charcoal Frost Metallic 372821469	36,800	-	Tomorrow, 21 June	-	https
		Blueberry, VIP- 405, 40Inch TrussRod Acoustic Guitar			Tuesday, 27		

35	Blueberry,	With Bag, Belt, String Set And 2 Picks (Classic Brown)	4,590	-	June	-	http:
36	Vault	Vault Traveller 34 Inch Acoustic Guitar With Truss Rod, Gig-Bag, Strap, Strings, Polishing Cloth, String Winder, Picks & E-Book - Natural Gloss	4,084	-	Tomorrow, 21 June	-	ht
37	Juárez	Juárez JRZ38C/WH 6 Strings Acoustic Guitar 38 Inch Cutaway, Right Handed, White with Bag, Strings, Picks and Strap	2,640	-	Tomorrow, 21 June	-	http:
38	Juárez	Juárez JRZ38C/VT 6 Strings Acoustic Guitar 38 Inch Cutaway, Right Handed, Violet/Purple with Bag, Strings, Picks and Strap	2,640	-	Tomorrow, 21 June	-	
39	Hovner	Hovner 215 Black F-Cut Rosewood Fretboard Acoustic Guitar With Bag, Strap, 1 Set of Extra Strings and 2 Picks By K-Retail	4,351	-	Sunday, 25 June	-	http
40	Kadence	Kadence Frontier Jumbo Semi Acoustic Guitar With Die Cast Keys, Super Combo (Bag, 1 pack Strings, Strap, Picks, Capo (Black)	6,899	-	Thursday, 22 June	-	ht
41	Juárez	Juárez Acoustic Guitar, 38 Inch Cutaway, JRZ38C with Bag, Strings, Pick and Strap,	2,602	-	Tomorrow, 21 June	-	ht

		Red					
42	Juarez	Juarez Acoustic Guitar, 38 Inch Cutaway, 38CMB with Bag, Strings, Pick and Strap, Matte Black	2,640	-	Tomorrow, 21 June	-	
43	JUAREZ	JUAREZ JRZ38C 38 Inches Lindenwood Right Handed Acoustic Guitar With Bag, Strings, Pick And Strap (Natural, Brown, 6 Strings)	2,640	-	Tomorrow, 21 June	-	ht
44	Yamaha	Yamaha FS80C 25 Inches sprucewood The Ultimate Concert Body Cutaway Acoustic Guitar (Black) With Bajao Gig-Bag	9,699	-	Friday, 23 June	-	http
45	Tagima	Tagima Junior 30 Inch Acoustic Guitar for Kids	1,290	-	Wednesday, 28 June	-	
46	YAMAHA	YAMAHA FS80C BLACK CONCERT CUTAWAY GUITAR	-	-	-	-	http
47	Fender	Fender SA105CE Electric Acoustic Guitar With Bag, Belt & Plectrums Combo Pack (BK)	12,989	-	Friday, 23 June	-	http:
48	DOMENICO	DOMENICO Guitar 4-String plastic Acoustic Guitar Musical Instrument For Learning (23 Inches)	949	-	Thursday, 22 June	-	
		INTERN 41 inches Acoustic Guitar with truss rod. Includes carry bag, strings pack, strap &					https

49	INTERN	plectrums. Premium Wooden durable built, tonal stability & for all age-groups (Jamming Black)....	-	-	-	-	
50	Pluto	Pluto HW34-101 86.36 cm (34- inch) Acoustic Guitar (Black)	4,606	-	Tomorrow, 21 June	Only 2 left in stock.	
51	YAMAHA	YAMAHA FS80C NATURAL CONCERT CUTAWAY GUITAR	-	-	-	-	
52	Intern	Intern Int-38c Sunburst Linden Wood Acoustic Guitar Kit with Carry Bag and Picks	2,210.	-	Tomorrow, 21 June	-	r
53	Yamaha	Yamaha F280 Acoustic Guitar, Natural With Bajaa0 Gig Bag	8,479	-	Friday, 23 June	-	r
54	Medellin	Medellin 38" Acoustic Guitar Carbon Fiber body+(Free Online Learning Course) - Durable Matt finish with handrest, strings, strap, bag, 3 Picks, capo, stand. (sun brust)	2,499	-	Thursday, 22 June	-	
55	kh	kh Chromatic LED display Tuner for guitar bass ukulele violin	1,249	-	Tomorrow, 21 June	-	
56	DEVICE	DEVICE OF URBAN INFOTECH 41 inch Acoustic Guitar Professional Acoustic Guitar Premium Wood Sunburst Curved Cutaway Design	5,448	-	Wednesday, 28 June	-	Beğ

		Acoustic Guitar Kit with Carry Bag Guitar for Beginners Students Adults					
57	ESH	ESH Creations E41CHEQ Jumbo High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Natural)	6,497	-	Tuesday, 27 June	-	http Stri
58	ESH	ESH Creations E40CHEQ High Gloss Semi Acoustic Guitar with Foam Padded Bag, Tuner, Pro Capo, Strings Set, Belt, 3 Picks (Brown)	5,897	-	Saturday, 1 July	Only 2 left in stock.	https Stri
59	Ketostics®	Ketostics® Givson Venus Super Special semi electric Guitar Combo (BLACK) Acoustic Guitar With Cover/Bag, Rhythm String Set, Strap and 5 Plectrums	4,499	-	Wednesday, 28 June	-	htt PI
60	Yamaha	Yamaha F280 Acoustic Guitar, Natural With Bajaao Gig Bag	8,479	-	Friday, 23 June	-	r
61	Medellin	Medellin 38" Acoustic Guitar Carbon Fiber body+(Free Online Learning Course) - Durable Matt finish with handrest, strings, strap, bag, 3 Picks, capo, stand. (sun brust)	2,499	-	Thursday, 22 June	-	
62	kh	kh Chromatic LED display Tuner for guitar bass ukulele	1,249	-	Tomorrow, 21 June	-	

		violin						
63	Yamaha	Yamaha APX600 NA Thin Body Acoustic-Electric Guitar, Natural	27,990	-	Wednesday, 28 June	Only 1 left in stock.	https	
64	Ibanez	Ibanez MD39C- NT 39 Inches Rose Wood Cutaway Acoustic Guitar With Gig-Bag, Polishing Cloth And E-Book	7,899	-	Tomorrow, 21 June	-	https	
65	Fender	Fender Acoustic Guitar Dreadnought Cd60 V3 Natural 970110521 Right-Hand One Of The Most Reputed Guitar Brands In The World	12,400	-	Tomorrow, 21 June	-		
66	Intern	Intern INT-38C- VT-G 38 Inches Cutaway Right HAnded lindenwood Acoustic Guitar Kit, With Bag, Strings, Pick And Strap (Violet, 6- Strings)	2,839	-	Tomorrow, 21 June	-		
67	YAMAHA	YAMAHA Pacifica012 Electric Guitar, Red Metallic	16,490	-	Wednesday, 28 June	Only 1 left in stock.	t	
68	Pluto	Pluto HW39C- 201 39-inch Cutaway Acoustic Guitar (Natural)	5,905	-	Tomorrow, 21 June	Only 1 left in stock.	hti	
69	Intern	Intern INT-38C Acoustic Guitar Kit (Natural)	2,792	-	Tomorrow, 21 June	-		
70	Juarez	Juarez Acoustic Guitar, [LEFT HANDED] 96.52 cm (38 Inch) Cutaway, 38CL/3TS with Bag, Strings, Pick and Strap,	2,640	-	Tomorrow, 21 June	-	hi	

		3TS Sunburst					
71	Intern	Intern INT-38C- L-BK Left Hand Acoustic Guitar Kit (Black)	2,592	-	Tomorrow, 21 June	-	http
72	Yamaha	Yamaha Electric- Acoustic Guitar FSX80C Dreadnought With With MEXA Sponge Bag, Guitar Belt, Guitar Stand, String Set & Plectrums.(NT)	13,790	-	Friday, 23 June	Only 2 left in stock.	
73	Juárez	Juárez Lindenwood Acoustic Guitar, 38 Inches Cutaway, JRZ38C With Bag, Strings, Pick And Strap, Blue	2,640	-	Tomorrow, 21 June	-	htt
74	Blueberry	Blueberry 38C, 38" Acoustic Guitar Kit with Bag, Strap, One Pack Strings And Picks (Natural)	2,560	-	Tuesday, 27 June	-	
75	Blueberry,	Blueberry, VIP- 385, 38Inch Acoustic Guitar Basswood, Ash With Bag, Belt, String Set and 2 Picks	3,290	-	Tuesday, 27 June	-	https
76	JUAREZ	JUAREZ JRZ- ST01, 6 Strings Linden Wood Electric Guitar, Right Handed with Bag/Case, 2 x Picks (3TS Sunburst)	5,737	-	Tomorrow, 21 June	-	https
77	Henrix	Henrix 38C 38 Inch Left Handed Cutaway Acoustic Guitar with Dual Action Truss Rod, Gigbag, Picks, String Set, Strap, Cloth & Ebook-	2,849	-	Tomorrow, 21 June	-	http

		Natural					
78	Vault	Vault DA40 41 Inch Premium Solid Spruce-Top Dreadnought Acoustic Guitar With Allen Key	6,934	-	Tomorrow, 21 June	-	
79	Kordz	Kordz Luana Black Matt Rosewood Fretboard Acoustic Guitar With Bag, Strap, 1 Set of Extra Strings and 2 Picks V5	3,695	-	Monday, 3 July	Only 1 left in stock.	htt
80	Juárez	Juárez JRZ38C/ASH 6 Strings Acoustic Guitar 38 Inch Cutaway, Right Handed, Ash with Bag, Strings, Picks and Strap	2,792	-	Tomorrow, 21 June	-	
81	YAMAHA	YAMAHA F310- TBS Right Handed Spruce, Back/Side/Rib, Meranti Acoustic Guitar (Tobacco Sunburst, 6- Strings)	10,790	-	-	Only 1 left in stock.	
82	Vault	Vault Junior 30 Inch Acoustic Guitar for Kids with Truss Rod, Gig-Bag, Strings, Straps, Picks, String winder, Polishing Cloth & E-Book - Natural Gloss	3,799	-	Tomorrow, 21 June	-	h
83	Juarez	Juarez Acoustic Lindenwood Guitar, 38 Inches Cutaway With Pick Guard, 38C/RDS With Bag, Strings, Pick And Strap, Red Sunburst	2,630	-	Tomorrow, 21 June	-	h
		Fender Acoustic Guitar Dreadnought					

84	Fender	Cutaway Electronics FA-125CE Natural 971113221	20,210	-	Monday, 3 July	Only 1 left in stock.	http
85	Pluto	Pluto HW39C-201 39-inch Cutaway Acoustic Guitar (Black)	5,905	-	Tomorrow, 21 June	Only 1 left in stock.	http
86	Nema	Nema Guitar 4 in 1 Guitar Tuner + Capo + Pick Holder + 7 Picks	777	-	Sunday, 25 June	Only 2 left in stock.	
87	Kadence	Kadence AstroMan Electric Guitar, 21 FRETs, ROSEWOOD FRETBOARD, H - S - S PICK UPS Sunburst combo with Bag, Guitar strap,guitar cable and Picks	7,999	-	Thursday, 22 June	-	http
88	Kadence,	Kadence, Chronicle Series Electric Bass Guitar, Natural Ash Wood with P-J Pickup, 2 Tone and 2 Volume Control	12,999	-	Thursday, 22 June	-	http
89	Kadence	Kadence professional Guitar A311	6,999	-	Thursday, 22 June	-	http
90	YAMAHA	YAMAHA Pacifica012 Electric Guitar, Dark Blue Metallic	15,890	-	Wednesday, 28 June	Only 1 left in stock.	http
91	Kadence	Kadence Astro Man Electric Guitar, with Free learning course 24 FRETs, H- S - S PICK UPS Walnut Top with Alder wood Back and Sides (white) With Amplifier	9,999	-	Thursday, 22 June	-	
92	Fender	Fender 971110421 FA-115 Dreadnought	11,450	-	Friday, 23 June	-	https

		pack (Natural)				
		Fender				
		0930307021 SA-105CE				
93	Fender	Dreadnought Cutaway Electric Guitar - Natural	11,900	-	Monday, 3 July	-
		JUAREZ 96.52 cm (38 Inch)				
		Acoustic Guitar with Dual Action Truss Rod, Bag, Picks, Allen Key, Extra String Set, 3TS Sunburst				
94	JUAREZ		3,224	-	Tomorrow, 21 June	-
		Cort 6-String Acoustic Guitar, Spruce top, Mahogany back and sides, Dreadnought Natural AD810-OP				
95	Cort		9,176	-	Tomorrow, 21 June	- r
		JUAREZ Fíesta 41 Inch Acoustic Guitar with Dual Action Truss Rod, 21 Frets Rosewood Fretboard & Bridge, Padded 5mm Cotton Bag, Cotton Strap, 2 Picks, Allen Key, Extra String Set, Natural				
96	JUAREZ		4,209	-	Tomorrow, 21 June	- http:
		Yamaha 16 Inches wood Acoustic Guitar F280				
97	Yamaha	Dreadnought With Mexa Sponge Bag Belt, Plectrums, String Set & Guitar StAnd (Natural)	9,280	-	Friday, 23 June	- http:
		Fender Squier 39 Inch 6 String Cutaway Acoustic Guitar Hardwood Fretboard-Natural Sa 135C				
98	Fender		7,400	-	Tomorrow, 21 June	- h

		Right-Hand One Of The Most Reputed Guitar Brands In The World					
99	Yamaha	Yamaha F310- TBS Right Handed Acoustic Guitar (Tobacco Sunburst, 6- Strings)	9,689	-	Saturday, 24 June	-	http
100	GIVSON	GIVSON Ketostics Venus Special Guitar (black) with bag, string set, belt and 5 picks	4,299	-	Wednesday, 28 June	-	
101	Swan7	Swan7 40C Black Glossy Spruce Body Rosewood Fretboard 40 Inch Acoustic Guitar	4,890	-	Saturday, 24 June	-	
102	Tanglewood	Tanglewood Crossroads TWCR O Acoustic Guitar, 6 Strings, Orchestra, Whiskey Barrel Burst Satin Finish	10,399	-	Tomorrow, 21 June	Only 2 left in stock.	
103	Kadence	Kadence Frontier Series,Black Acoustic Guitar With Die Cast Keys Super Combo (Capo, Bag, strap, strings and 3 picks)	5,899	-	Thursday, 22 June	-	http
104	Medellin	Medellin 38" Acoustic Guitar premium wood with adjustable Truss-rod, free online learning course, Set Of Strings, Strap, Bag and 3 Picks	2,499	-	Thursday, 22 June	-	
105	Fender	Fender 0930307032 SA- 105CE Dreadnought Cutaway Electric Guitar - Sunburst	12,251	-	Tomorrow, 21 June	Only 1 left in stock.	

106	Fender	Fender Acoustic Guitar Dreadnought Solid CD60S Mahogany 970110022 Right-Hand One of The Most reputed Guitar Brands in the World	17,500	-	Tomorrow, 21 June	-	htt
107	Kadence	Kadence Guitar Frontier Series, Blue Acoustic Guitar with Die Cast Keys, Set of Strings, Strap, Picks, Guitar stand, Capo and Bag, Super Combo (Blue, Acoustic)	4,999	-	Thursday, 22 June	-	http
108	sai	sai enterprises Amazing Offer Acoustic Guitar Military Camouflage Padded Gig Bag Cover for 39",40",41" Guitar	790	-	-	Only 1 left in stock.	Camc
109	Mustang	Mustang Guitar Stand Foldable Universal A-Frame Style Guitar Stand Black For Acoustic Electric Guitars	398	-	Thursday, 22 June	-	Elect
110	Ketostics®	Ketostics® Givson Venus Special Guitar Combo (RED) Acoustic Guitar With Cover/Bag, Rhythm String Set, Strap and 5 Plectrums	4,199	-	Wednesday, 28 June	-	ht Ple
111	SG	SG Musical - Guitar Strap(Belt) & 4 pc. Guitar Finger Silicon, Guitar Saddle's Pins, 4 pcs. Picks	269	-	Tuesday, 27 June	-	https Sadd

112	Kadence	Kadence Guitar Frontier Series, Blue Acoustic Guitar with Die Cast Keys, Set of Strings, Strap, Picks, Guitar stand, Capo and Bag, Super Combo (Blue, Acoustic)	4,999	-	Thursday, 22 June	-	http:
113	Pluto	Pluto HW41C-201 41-inch Cutaway Acoustic Guitar (Sunburst)	7,099	-	Tomorrow, 21 June	-	ht
114	Intern	Intern INT-38C-SB-G Linden Wood Cutaway Right Handed Acoustic Guitar Kit, With Bag, Strings, Pick And Strap (Sunburst, 6 Strings)	2,149	-	Tomorrow, 21 June	-	ht
115	Yamaha	Yamaha FSX80C Semi acoustic cutaway guitar (natural)	12,669	-	Saturday, 24 June	-	http
116	Juarez	Juarez JRZ-ST02 6-String 38 Inches Wood Electric Guitar, Right Handed, Red With Case/Bag And Picks	5,737	-	Tomorrow, 21 June	-	http
117	Layfuz	Layfuz General Sound 41-Inch Acoustic Folk Guitar Non-Cutaway Dreadnought Guitar Sitka Spruce Top wi Gig Bag	84,249	-	Tuesday, 18 July	-	
118	Fender	Fender Acoustic Guitar Dreadnought CD60 V3 970110506 Black Right-Handed One of The Most reputed Guitar Brands in the World	12,500	-	Tomorrow, 21 June	Only 1 left in stock.	

119	Vault	Vault EA40TBK 41 inch Premium Solid Spruce-Top Cutaway Acoustic Guitar (Black)	7,499	-	Tomorrow, 21 June	-	
120	JUAREZ	JUAREZ Fíesta 104.14 cm (41 Inch) Acoustic Guitar with Dual Action Truss Rod, 21 Frets Rosewood Fretboard & Bridge, Padded 5mm Cotton Bag, Cotton Strap, 2 Picks, Allen Key, Extra String Set, Brown	3,998	-	Tomorrow, 21 June	-	
121	Yamaha	Yamaha C40M Classical Guitar, Sprucewood (Brown)	-	-	-	-	hi
122	Cort	Cort AD810 Dreadnought Acoustic Guitar with Gig Bag,Tuner,Picks and Strap (Natural Bundle)	10,790	-	Thursday, 22 June	-	http
123	Kadence	Kadence Guitar Acoustica Series, Electric Acoustic Guitar, Ash Wood with Pickup and Inbuilt tuner Travel Guitar Small Size for Kids and Adult (A06-34")	6,999	-	Thursday, 22 June	-	https
124	Kadence	Kadence Guitar Acoustica Series, Electric Acoustic Guitar, Ash Wood with Pickup and Inbuilt tuner (Ash Wood, Electro Acoustic) with bag.	6,999	-	Thursday, 22 June	-	
125	Kadence	Kadence Acoustica 34" Acoustic Guitar A03 with bag... (A-01-34)	5,999	-	Thursday, 22 June	-	http

126	Ketostics	Ketostics Givson Venus Super Special Cutaway Rosewood 41 Inch Acoustic Semi Electric Guitar Kit with Bag, Rhythm String Set, Strap and 5 Plectrums, (Black)	4,499	-	Wednesday, 28 June	-	
127	Yamaha	Yamaha Electric- Acoustic Guitar FX280 Dreadnought With MEXA Sponge Guitar Bag, Belt,Plectrums (Natural)	12,000	-	Saturday, 24 June	-	
128	Imaginea®	Imaginea® Foot Tambourine with Metal Steel Jingles Bell Double Row for Guitar Percussion Pedal Musical & Drum Accessory Instrument for Adults, Student (Black)	549	-	Thursday, 22 June	-	Ins
129	SG	SG Musical Guitar Finger Silicon, 4 Pick (0.46) Plectrums	189	-	Tuesday, 27 June	-	Ple
130	SG	SG Musical - Red - - Clutch Guitar Capo (Red) Spring	262	-	Tuesday, 27 June	-	Spri
131	kh	kh Classic Delay Processor, Classic Delay Effect Sound Processor, Simulate Delay Effect, Portable for Guitar Pedal, Electric Guitar Delay Pedal Guitar Effect Pedal (C Delay)	2,649	-	Wednesday, 28 June	-	http E
		Blueberry B40L, 40" Acoustic Guitar Kit Inbuilt					

132	Blueberry	Truss Rod with Bag, Strap, One Pack Strings And Picks (Classic Maroon)	4,270	-	Tuesday, 27 June	-	htt
133	Epiphone	Epiphone PRO-1 6 Strings Right handed Acoustic Guitar Vintage Sunburst	11,999	-	Monday, 3 July	-	https
134	YAMAHA	YAMAHA WINNING STROKE F280 Acoustic Guitar with Bag Combo (Natural)	8,199	-	Tuesday, 27 June	-	htt
135	Vault	Vault PA36 Parlor Body Compact Acoustic Guitar with Standard Scale Length	7,124	-	Tomorrow, 21 June	-	hi
136	Ibanez	Ibanez S521-BBS Electric Guitar, Transparent Red Burst	40,615	-	Tomorrow, 21 June	Only 1 left in stock.	https
137	Pluto	Pluto HW39-CL Left-Handed Acoustic Guitar - Rosewood fretboard	6,232	-	Friday, 23 June	Only 1 left in stock.	ht
138	Yamaha	Yamaha FX310A Full Size Electro-Acoustic Guitar (Natural)	15,900	-	Tuesday, 27 June	Only 2 left in stock.	
139	Yamaha	Yamaha FS100C Acoustic Guitar, Natural	9,489	-	Monday, 3 July	-	http
140	Medellin	Medellin M38 carbon fiber body 38 Inches Acoustic Guitar (Red) Durable Matt finish With hAndrest, strings, strap, bag, 3 Picks, capo, stAnd (Renewed) Blueberry B-D38, 38" Acoustic Guitar	2,499	-	Thursday, 22 June	-	

141	(Renewed)	Kit Inbuilt Truss Rod, with Bag, Strap, One Pack Strings And Picks (Red Sunburst)	1,650	-	Tuesday, 27 June	Only 1 left in stock.	http:
142	Ibanez	Ibanez GRG170DX 40 Inches Wood Electric Guitar, Black	-	-	-	-	
143	Fender	Fender Squier Acoustic Guitar Cutaway Electronics SA-105CE 930307006 Black Right-Handed	12,124	-	Friday, 23 June	-	
144	Blueberry,	Blueberry, VIP-360, 36Inch Acoustic Guitar Kit With Bag, Belt, String sets and 2 Picks (Black)	2,999	-	Tuesday, 27 June	-	htt
145	Cort	Cort AF510M-OP Acoustic Guitar	10,300	-	Tomorrow, 21 June	-	http:
146	Hovner	Hovner 215 Dark Green F-Cut Rosewood Fretboard Acoustic Guitar With Bag, Strap, 1 Set of Extra Strings and 2 Picks By V3	4,580	-	Monday, 3 July	-	http:
147	Epiphone	Epiphone Les Paul Muse 6 String Right Handed Electric Guitar, Radio Blue Metallic	47,379	-	Thursday, 22 June	-	h
148	Yamaha	Yamaha F280 Acoustic sprucewood Guitar Dreadnought With Mexa Guitar Bag, Belt, String Set, Plectrums & Guitar StAnd (Tsb)	9,390	-	Friday, 23 June	Only 2 left in stock.	http
Kadence Frontier							

149	Kadence	Series Semi Acoustic Guitar With Die Cast Keys Natural Super Combo, Capo, Bag, strap, strings and 3 picks)	6,299	-	Thursday, 22 June	-	http
150	Kadence	Kadence Acoustica 40" Acoustic Guitar Butterfly Wood A1013 With Fishman EQ With Bag	14,999	-	Thursday, 22 June	-	
151	JUAREZ	JUAREZ Arpeggio Guitar JRA39SR-BL-K, blue	7,190.	-	Tomorrow, 21 June	-	http
152	Medellin	Medellin 38" Acoustic Guitar Purple Burst Carbon Fiber body+(Free Online Learning Course) - Durable Matt finish with handrest, strings, strap, bag, 3 Picks, capo, stand.	2,499	-	Thursday, 22 June	-	http
153	Neowood	Neowood FLY-SG, Acoustic Guitar with Touch Pickup, Bag, Plectrums, finger Protectors & Neowood String Set (Blue)	4,979	-	Wednesday, 28 June	Only 1 left in stock.	
154	Cort	Cort CR200 GT, 6 Strings Electric Guitar, Right-Handed, Gold Top, without case	27,900	-	Tomorrow, 21 June	Only 2 left in stock.	http
155	Juarez	Juarez 41 Inch Acoustic Guitar Kit with Truss Rod, Solid Linden Wood, Ziko Strings, Pearl Rosette, Rosewood Fretboard &	3,979	-	Tomorrow, 21 June	-	http

		Bridge, Die Cast Machine with Picks, Strap, Strings & Bag, High Gloss Black					
156	Juarez	Juarez Arpeggio 104.14 cm (41 Inch) Semi-Acoustic Guitar Kit, Thin Line Body, Spruce Top, with 4 Band EQ, High Gloss Black	6,639	-	Tomorrow, 21 June	-	
157	Cort	Cort MR500E Dreadnought Cutaway Electro Acoustic Guitar - Brown Burst	22,500	-	Wednesday, 28 June	-	https
158	Kadence	Kadence Guitar Acoustica Series A05, Electric Acoustic Guitar, Zebra Wood with Pickup, Inbuilt tuner and Bag (Zebra Wood, Electro Acoustic)	7,399	-	Tomorrow, 21 June	-	htt
159	Fender	Fender Acoustic Guitar with Cutaway Electronics CD60SCE Black 970113006 Right-Hand One of The Most reputed Guitar Brands in the World	23,999	-	Tomorrow, 21 June	-	
160	Fender	Fender Acoustic Guitar with Cutaway Electronics CD60SCE Black 970113006 Right-Handed One of The Most reputed Guitar Brands in the World	78,375	-	Tomorrow, 21 June	Only 1 left in stock.	r
161	Tanglewood	Tanglewood Crossroads TWCR D Acoustic Guitar, 6 Strings,	9,999	-	Tomorrow, 21 June	-	

		Dreadnought, Whiskey Barrel Burst Satin Finish				
162	A,Acoustio	A,Acoustio 41 inch 21 fret black matt finish venus acoustic guitar. with cover,1set string,2plectums, 1belt...	3,190	-	Sunday, 25 June	- http
163	Vault	Vault EA20CE Electro Acoustic Guitar Kit with Learn to Play Ebook, Bag, Strings, Straps, Picks, String winder & Polishing Cloth - 40 inch Cutaway Acoustic Guitar	5,224	-	Tomorrow, 21 June	- https

3. Write a python program to access the search bar and search button on images.google.com and scrape 10 images each for keywords 'fruits', 'cars' and 'Machine Learning', 'Guitar', 'Cakes'.

In [47]:

```
import time
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC

# Start the web driver
driver = webdriver.Chrome() # You can change this to the appropriate web c

# Open Google Images

def scrape_images(keyword):

    driver.get("https://www.google.com/imghp")

    # Find the search bar element
    wait = WebDriverWait(driver, 20)
    search_bar = driver.find_element(By.NAME, "q")

    # Clear the search bar and enter the keyword
```

```
search_bar.clear()
search_bar.send_keys(keyword)
search_bar.send_keys(Keys.RETURN)

    # Wait for the search results to load
time.sleep(3)

    # Scroll to load more images
for _ in range(3):
    driver.execute_script("window.scrollTo(0, document.body.scrollHeight)
    time.sleep(2)

    # Find the image elements
image_container = driver.find_element(By.CSS_SELECTOR, "div.islrc")

image_elements = image_container.find_elements(By.XPATH, '.*//img[@jsname

    # Scrape the image URLs
image_urls = []
for image in image_elements[:10]:
    src = image.get_attribute('src')
    if src and not src.startswith('data:image'):
        image_urls.append(src)

    # Print the image URLs
print(f"Images for {keyword}:")
for url in image_urls:
    print(url)

# Scrape images for the given keywords
keywords = ['fruits', 'cars', 'Machine Learning', 'Guitar', 'Cakes']
for keyword in keywords:
    scrape_images(keyword)
    print()
driver.quit()
```

Images for fruits:

Images for cars:

Images for Machine Learning:

Images for Guitar:

Images for Cakes:

4 .Write a python program to search for a smartphone(e.g.: Oneplus Nord, pixel 4A, etc.) on www.flipkart.com and scrape following details for all the search results displayed on 1st page. Details to be scraped: "Brand Name", "Smartphone name", "Colour", "RAM", "Storage(ROM)", "Primary Camera", "Secondary Camera", "Display Size", "Battery Capacity", "Price", "Product URL". Incase if any of the details is missing then replace it by "- ". Save your results in a dataframe and CSV.

In [22]:

```
import requests
from bs4 import BeautifulSoup
import pandas as pd

driver = webdriver.Chrome() # Make sure you have chromedriver installed at

# Open Amazon.in
driver.get("https://www.flipkart.com/")
# close login if popup appears

try:
    close_button = driver.find_element(By.XPATH, '//*[@class="_2KpZ61 _']
    close_button.click()
except:
    pass

# Find the search box and enter the product to search
search_box = driver.find_element(By.NAME, "q")
search_box.send_keys("Smartphones")
search_box.send_keys(Keys.RETURN)

# Wait for the search results page to load
wait = WebDriverWait(driver, 10)
wait.until(EC.presence_of_element_located((By.CSS_SELECTOR, "div[class='_1']

base_url = 'https://www.flipkart.com'
search_url = f'{base_url}/search?q={"smartphones"}'

# Send a GET request to the search URL
response = requests.get(search_url)
soup = BeautifulSoup(response.content, 'html.parser')
```

```

# Extract the required details from the search results
products = soup.find_all('div', {'class': '_2kHMtA'})

smartphone_list = []
for product in products:
    try:
        brand = product.find('div', {'class': '_4rR01T'}).text.split()[0]
    except AttributeError:
        brand = '-'

    try:
        name = product.find('div', {'class': '_4rR01T'}).text
    except AttributeError:
        name = '-'

    try:
        color_el = product.find('div', {'class': '_4rR01T'}).text
        color = color_el[color_el.index("(") + 1: color_el.index(")")]
    except AttributeError:
        color = '-'

    try:
        ram = product.find('ul', {'class': '_1xgFaf'}).find_all('li')[0].text
    except AttributeError:
        ram = '-'

    try:
        storage = product.find('ul', {'class': '_1xgFaf'}).find_all('li')[0].text
    except AttributeError:
        storage = '-'

    try:
        primary_camera = product.find('ul', {'class': '_1xgFaf'}).find_all('li')[0].text
    except AttributeError:
        primary_camera = '-'

    try:
        secondary_camera = product.find('ul', {'class': '_1xgFaf'}).find_all('li')[1].text
    except AttributeError:
        secondary_camera = '-'

    try:
        display_size = product.find('ul', {'class': '_1xgFaf'}).find_all('li')[0].text
    except AttributeError:
        display_size = '-'

    try:
        battery_capacity = product.find('ul', {'class': '_1xgFaf'}).find_all('li')[0].text
    except (AttributeError, IndexError):
        battery_capacity = '-'

    try:
        price = product.find('div', {'class': '_30jeq3 _1_WHN1'}).text
    except AttributeError:
        price = '-'

```



```

try:

    product_url = product.find('a', {'class': '_1fQZEK'})['href']

except (AttributeError, TypeError):
    product_url = '-'

smartphone = {
    'Brand Name': brand,
    'Smartphone Name': name,
    'Colour': color,
    'RAM': ram,
    'Storage(ROM)': storage,
    'Primary Camera': primary_camera,
    'Secondary Camera': secondary_camera,
    'Display Size': display_size,
    'Battery Capacity': battery_capacity,
    'Price': price,
    'Product URL': product_url
}

smartphone_list.append(smartphone)

pd.set_option('display.max_colwidth', None)

df = pd.DataFrame(smartphone_list)

df.to_csv("smartphones.csv", index=False)

flipkart_smartphone = pd.read_csv('smartphones.csv')

def make_clickable(val):
    # target_blank to open new window
    return '<a target="_blank" href="{>{}</a>'.format(val, val)

## display dataframe
flipkart_smartphone.style.format({'Product URL': make_clickable})

driver.quit()

```

Out[22]:

	Brand Name	Smartphone Name	Colour	RAM	Storage(ROM)	Primary Camera	Secondary Camera	Display Size
0	Infinix	Infinix SMART 7 (Azure Blue, 64 GB)	Azure Blue, 64 GB	4 GB RAM	64 GB ROM	13MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
1	Infinix	Infinix SMART 7 (Night Black, 64 GB)	Night Black, 64 GB	4 GB RAM	64 GB ROM	13MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display

2	Infinix	Infinix SMART 7 (Emerald Green, 64 GB)	Emerald Green, 64 GB	4 GB RAM	64 GB ROM	13MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
3	Infinix	Infinix HOT 30i (Mirror Black, 64 GB)	Mirror Black, 64 GB	4 GB RAM	64 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
4	Infinix	Infinix HOT 30i (Glacier Blue, 64 GB)	Glacier Blue, 64 GB	4 GB RAM	64 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
5	Infinix	Infinix HOT 30i (Glacier Blue, 128 GB)	Glacier Blue, 128 GB	8 GB RAM	128 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
6	Infinix	Infinix HOT 30i (Diamond White, 128 GB)	Diamond White, 128 GB	8 GB RAM	128 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
7	Infinix	Infinix HOT 30i (Mirror Black, 128 GB)	Mirror Black, 128 GB	8 GB RAM	128 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
8	Infinix	Infinix HOT 30i (Diamond White, 64 GB)	Diamond White, 64 GB	4 GB RAM	64 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
9	Infinix	Infinix HOT 30i (Marigold, 128 GB)	Marigold, 128 GB	8 GB RAM	128 GB ROM	50MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
10	SAMSUNG	SAMSUNG Galaxy F04 (Opal Green, 64 GB)	Opal Green, 64 GB	4 GB RAM	64 GB ROM	13MP + 2MP	5MP Front Camera	16.51 cm (6.5 inch) HD Display
11	SAMSUNG	SAMSUNG Galaxy F13 (Waterfall Blue, 128 GB)	Waterfall Blue, 128 GB	4 GB RAM	128 GB ROM	50MP + 5MP + 2MP	8MP Front Camera	16.76 cm (6.6 inch) Full HD+ Display
		Infinix HOT						16.76 cm (6.6 inch)

12	Infinix	30i (Marigold, 64 GB)	Marigold, 64 GB	4 GB RAM	64 GB ROM	50MP + AI Lens	5MP Front Camera	inch) HD+ Display
13	Infinix	Infinix Smart 7 HD (Green Apple, 64 GB)	Green Apple, 64 GB	2 GB RAM	64 GB ROM	8MP + AI Lens	5MP Front Camera	16.76 cm (6.6 inch) HD+ Display
14	POCO	POCO C50 (Royal Blue, 32 GB)	Royal Blue, 32 GB	2 GB RAM	32 GB ROM	8MP Dual Camera	5MP Front Camera	16.56 cm (6.52 inch) HD+ Display
15	POCO	POCO C51 (Royal Blue, 64 GB)	Royal Blue, 64 GB	4 GB RAM	64 GB ROM	8MP Dual Rear Camera	5MP Front Camera	16.56 cm (6.52 inch) HD+ Display
16	MOTOROLA	MOTOROLA G32 (Mineral Gray, 128 GB)	Mineral Gray, 128 GB	8 GB RAM	128 GB ROM	50MP + 8MP + 2MP	16MP Front Camera	16.64 cm (6.55 inch) Full HD+ Display
17	POCO	POCO C51 (Power Black, 64 GB)	Power Black, 64 GB	4 GB RAM	64 GB ROM	8MP Dual Rear Camera	5MP Front Camera	16.56 cm (6.52 inch) HD+ Display
18	SAMSUNG	SAMSUNG Galaxy F13 (Night sky Green, 64 GB)	Night sky Green, 64 GB	4 GB RAM	64 GB ROM	50MP + 5MP + 2MP	8MP Front Camera	16.76 cm (6.6 inch) Full HD+ Display
19	POCO	POCO C50 (Country Green, 32 GB)	Country Green, 32 GB	2 GB RAM	32 GB ROM	8MP Dual Camera	5MP Front Camera	16.56 cm (6.52 inch) HD+ Display
20	REDMI	REDMI 10 (Shadow Black, 64 GB)	Shadow Black, 64 GB	4 GB RAM	64 GB ROM	50MP + 2MP	5MP Front Camera	17.02 cm (6.7 inch) HD+ Display
21	POCO	POCO C55 (Cool Blue, 64 GB)	Cool Blue, 64 GB	4 GB RAM	64 GB ROM	50MP Dual	5MP Front	17.04 cm (6.71 inch)

		64 GB)	GB	RAM		Rear Camera	Camera	inch) HD+ Display
22	REDMI	REDMI A1+ (Light Green, 32 GB)	Light Green, 32 GB	3 GB RAM	32 GB ROM	8MP Rear Camera	5MP Front Camera	16.56 cm (6.52 inch) HD+ Display
23	REDMI	REDMI A1+ (Light Blue, 32 GB)	Light Blue, 32 GB	3 GB RAM	32 GB ROM	8MP Rear Camera	5MP Front Camera	16.56 cm (6.52 inch) HD+ Display

5 . Write a program to scrap geospatial coordinates (latitude, longitude) of a city searched on google maps.

In [36]:

```
!pip install geopy
```

Collecting geopy

Downloading geopy-2.3.0-py3-none-any.whl (119 kB)

|██| 119 kB 688 kB/s eta 0:00:01

Collecting geographiclib<3,>=1.52

Downloading geographiclib-2.0-py3-none-any.whl (40 kB)

|██| 40 kB 1.3 MB/s eta 0:00:01

Installing collected packages: geographiclib, geopy

Successfully installed geographiclib-2.0 geopy-2.3.0

In [37]:

```
from geopy.geocoders import Nominatim

def get_coordinates(city):
    geolocator = Nominatim(user_agent="my_app") # Create a geocoder instance
    location = geolocator.geocode(city) # Geocode the city
    if location:
        latitude = location.latitude
        longitude = location.longitude
        return latitude, longitude
    else:
        return None

# Get the city from the user
city = input("Enter the city to search: ")

# Get the coordinates
coordinates = get_coordinates(city)

if coordinates:
    latitude, longitude = coordinates
    print("Latitude:", latitude)
    print("Longitude:", longitude)
else:
    print("Coordinates not found for the specified city.")
```

```
Enter the city to search: delhi
Latitude: 28.6273928
Longitude: 77.1716954
```

6. Write a program to scrap all the available details of best gaming laptops from digit.in.

In [93]:

```

import requests
from bs4 import BeautifulSoup

def scrape_digit_gaming_laptops():
    url = 'https://www.digit.in/top-products/best-gaming-laptops-40.html'

    response = requests.get(url)
    soup = BeautifulSoup(response.content, 'html.parser')

    laptops = []

    laptop_list = soup.find_all('div', class_='TopNumbeHeading')

    for item in laptop_list:
        name = item.find('h3').text.strip()
        specs_list = item.find('div', class_='Specs-Wrap')
        if specs_list:
            specs = [spec.text.strip() for spec in specs_list.find_all('li')]
        else:
            specs = []

        laptop = {
            'Name': name,
            'Specifications': specs
        }

        laptops.append(laptop)

    return laptops

# Usage
results = scrape_digit_gaming_laptops()

# Print the scraped data
for laptop in results:
    print(laptop)

```

```

{'Name': 'HP OMEN 17 (2023)', 'Specifications': []}
{'Name': 'MSI Titan GT77 12UHS', 'Specifications': []}
{'Name': 'Lenovo Legion 5i Pro', 'Specifications': []}
{'Name': 'ASUS ROG Strix Scar 18 2023', 'Specifications': []}
{'Name': 'Acer Predator Helios Neo 16', 'Specifications': []}
{'Name': 'ASUS ROG Zephyrus G14', 'Specifications': []}
{'Name': 'MSI Cyborg 15', 'Specifications': []}

```

7. Write a python program to scrape the details for all billionaires from www.forbes.com. Details to be scrapped: "Rank", "Name", "Net worth", "Age", "Citizenship", "Source"/ "Industry".

```
In [55]: from bs4 import BeautifulSoup
import requests

url = 'https://www.forbes.com/billionaires/'
```

```
In [60]: response = requests.get(url)

response
```

```
Out[60]: <Response [200]>
```

```
In [61]: soup = BeautifulSoup(response.content)
print(soup)
```

```
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.8 1.7 13 1.7 6 0 10.7-1.7 14.1-5.2 3.4-3.4 5.2-8.2 5.2-14.1 0-4.7-1.3-8.6-
3.9-11.7-2.6-3.1-5.9-4.6-9.8-4.6-2.6 0-5.3.7-8.3 2.1zm.3 30.8c-.2-3.2-.4-12
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```


[/nbconvert/html/Untitled35.ipynb?download=false](#) Page 49 of 64

```

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ptLoader":[]}</script></body></html>

```

In []:

In [40]:

```

import requests
from bs4 import BeautifulSoup

# Send a GET request to the Forbes billionaires page
url = 'https://www.forbes.com/billionaires/'
response = requests.get(url)

# Parse the HTML content
soup = BeautifulSoup(response.text, 'html.parser')

print(soup)

# Find the table containing the billionaires' details

table = soup.find('div', class_='Table_tableBlock__rRFM8 Table_billionaires_

print(table)

# Scrape the details for each billionaire
billionaires = table.find_all('div', role_='row')

# Iterate over each billionaire and extract the required details
for billionaire in billionaires:
    print('OK')
    rank = billionaire.find('div', class_='Table_rank__YBhk Table_dataCell
    name = billionaire.find('div', class_='Table_dataCell__2QCve').text.stri
    net_worth = billionaire.find('div', class_='Table_netWorth__L4R5 Table
    age = billionaire.find('div', class_='Table_dataCell__2QCve').text.stri
    citizenship = billionaire.find('div', class_='TableRow_cell__db-hv Tabl
    source = billionaire.find('div', class_='Table_dataCell__2QCve').text.st
    industry = billionaire.find('div', class_='Table_dataCell__2QCve').text

    # Print the scraped details
    print('Rank:', rank)
    print('Name:', name)
    print('Net Worth:', net_worth)
    print('Age:', age)
    print('Citizenship:', citizenship)
    print('Source:', source)
    print('Industry:', industry)
    print('-' * 50)

```

```

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lies-2023-lander.jpg&quot;;
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quot;Forbes&quot;;
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defer="" nomodule="" src="._next/static/chunks/polyfills-0d1b80a048d4787e.

```

```

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-2h16zm0 5v2H4v-2h16z" fill-rule="evenodd"></path></svg></div></div></div><
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.8 1.7 13 1.7 6 0 10.7-1.7 14.1-5.2 3.4-3.4 5.2-8.2 5.2-14.1 0-4.7-1.3-8.6-
3.9-11.7-2.6-3.1-5.9-4.6-9.8-4.6-2.6 0-5.3.7-8.3 2.1zm.3 30.8c-.2-3.2-.4-12
.8-.4-28.5.9-.3 2.1-.5 3.6-.5 2.4 0 4.3 1.2 5.7 3.7 1.4 2.5 2.1 5.5 2.1 9.3
0 4.7-.8 8.5-2.4 11.7-1.6 3.1-3.6 4.7-6.1 4.7-.8-.2-1.6-.3-2.5-.4zm41 3H1v2
12.1.2c1.6.3 2.7.9 3.4 1.8.7 1 1.1 2.6 1.2 4.8.8 10.8.8 20.9 0 30.2-.2 2.2-
.6 3.8-1.2 4.8-.7 1-1.8 1.6-3.4 1.8l-2.1.3v2h25.8v-2l-2.7-.2c-1.6-.2-2.7-.9
-3.4-1.8-.7-1-1.1-2.6-1.2-4.8-.3-4-.5-8.6-.5-13.7l5.4.1c2.9.1 4.9 2.3 5.9 6
.7h2V18.9h-2c-1 4.3-2.9 6.5-5.9 6.6l-5.4.1c0-9 .2-15.4.5-19.3h7.9c5.6 0 9.4
3.6 11.6 10.8l2.4-.7L41 3zm-4.7 30.8c0 5.2 1.5 9.5 4.4 12.9 2.9 3.4 7.2 5 1
2.6 5s9.8-1.7 13-5.2c3.2-3.4 4.7-7.7 4.7-12.9s-1.5-9.5-4.4-12.9c-2.9-3.4-7.
2-5-12.6-5s-9.8 1.7-13 5.2c-3.2 3.4-4.7 7.7-4.7 12.9zm22.3-11.4c1.2 2.9 1.7
6.7 1.7 11.3 0 10.6-2.2 15.8-6.5 15.8-2.2 0-3.9-1.5-5.1-4.5-1.2-3-1.7-6.8-1
.7-11.3C47 23.2 49.2 18 53.5 18c2.2-.1 3.9 1.4 5.1 4.4zm84.5 24.3c3.3 3.3 7
.5 5 12.5 5 3.1 0 5.8-.6 8.2-1.9 2.4-1.2 4.3-2.7 5.6-4.5l-1-1.2c-2.2 1.7-4.
7 2.5-7.6 2.5-4 0-7.1-1.3-9.2-4-2.2-2.7-3.2-6.1-3-10.5H170c0-4.8-1.2-8.7-3.
7-11.8-2.5-3-6-4.5-10.5-4.5-5.6 0-9.9 1.8-13 5.3-3.1 3.5-4.6 7.8-4.6 12.9 0
5.2 1.6 9.4 4.9 12.7zm7.4-25.1c1.1-2.4 2.5-3.6 4.4-3.6 3 0 4.5 3.8 4.5 11.5
1-10.6.2c.1-3 .6-5.7 1.7-8.1zm46.4-4c-2.7-1.2-6.1-1.9-10.2-1.9-4.2 0-7.5 1.
1-10 3.2s-3.8 4.7-3.8 7.8c0 2.7.8 4.8 2.3 6.3 1.5 1.5 3.9 2.8 7 3.9 2.8 1 4
.8 2 5.8 2.9 1 1 1.6 2.1 1.6 3.6 0 1.4-.5 2.7-1.6 3.7-1 1.1-2.4 1.6-4.2 1.6
-4.4 0-7.7-3.2-10-9.6l-1.7.5.4 10c3.6 1.4 7.6 2.1 12 2.1 4.6 0 8.1-1 10.7-3
.1 2.6-2 3.9-4.9 3.9-8.5 0-2.4-.6-4.4-1.9-5.9-1.3-1.5-3.4-2.8-6.4-4-3.3-1.2
-5.6-2.3-6.8-3.3-1.2-1-1.8-2.2-1.8-3.7s.4-2.7 1.3-3.7 2-1.4 3.4-1.4c4 0 6.9
2.9 8.7 8.6l1.7-.5-.4-8.6zm-96.2-.9c-1.4-.7-2.9-1-4.6-1-1.7 0-3.4.7-5.3 2.1
-1.9 1.4-3.3 3.3-4.4 5.9l1.1-8-15.2 3v1.4l1.5.1c1.9.2 3 1.7 3.2 4.4.6 6.2.6
12.8 0 19.8-.2 2.7-1.3 4.1-3.2 4.4l-1.5.2v1.9h21.2V49l-2.7-.2c-1.9-.2-3-1.7
-3.2-4.4-.6-5.8-.7-12-.2-18.4.6-1 1.9-1.6 3.9-1.8 2-.2 4.3.4 6.7 1.8l3.7-9.
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9.5 3S3 5.9 3 9.5 5.9 16 9.5 16c1.6 0 3.1-.6 4.2-1.6l.3.3v.8l5 5 1.5-1.5-5-
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r_contentWrapper_alEI9"><div class="adContainer"></div><div class="adConta

```

http://localhost:8888/nbconvert/html/Untitled35.ipynb?download=false

```

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None

```

```

-----
AttributeError                                Traceback (most recent call last)
/var/folders/57/gh5p27812y92gkl08kl8whj40000gn/T/ipykernel_818/3669950617.py in <module>
    18
    19 # Scrape the details for each billionaire
--> 20 billionaires = table.find_all('div', role_='row')
    21
    22

```

AttributeError: 'NoneType' object has no attribute 'find_all'

8. Write a program to extract at least 500 Comments, Comment upvote and time when comment was posted from any YouTube Video.

In [27]:

```

import time
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.chrome.service import Service
from selenium.webdriver.chrome.options import Options
from selenium.webdriver.common.action_chains import ActionChains
from selenium.webdriver.common.keys import Keys

def get_comments(video_url, max_comments=500):
    chrome_options = Options()
    chrome_options.add_argument("--headless") # Run Chrome in headless mode
    service = Service('path/to/chromedriver') # Replace with actual path to chromedriver
    driver = webdriver.Chrome(service=service, options=chrome_options)

    # Open the YouTube video URL
    driver.get(video_url)
    time.sleep(5) # Wait for the page to load

    # Scroll down to load comments dynamically
    last_height = driver.execute_script("return document.documentElement.scrollHeight")
    while len(driver.find_elements(By.CSS_SELECTOR, "#contents #content-text")) < max_comments:
        driver.execute_script("window.scrollTo(0, last_height + 100);")
        last_height = driver.execute_script("return document.documentElement.scrollHeight")
    return driver.find_elements(By.CSS_SELECTOR, "#contents #content-text")

```

```

driver.execute_script("window.scrollTo(0, document.documentElement.
time.sleep(2)
new_height = driver.execute_script("return document.documentElement
if new_height == last_height:
    break
last_height = new_height

# Extract comment elements
comment_elements = driver.find_elements(By.CSS_SELECTOR, "#contents #co
upvote_elements = driver.find_elements(By.CSS_SELECTOR, "#contents #vot
time_elements = driver.find_elements(By.CSS_SELECTOR, "#contents #heade

# Extract comment details
comments = []
for i in range(len(comment_elements)):
    comment_text = comment_elements[i].text.strip()
    upvote_count = upvote_elements[i].text.strip()
    time_text = time_elements[i].get_attribute("innerText").strip()
    comments.append({
        "comment": comment_text,
        "upvotes": upvote_count,
        "time": time_text
    })
if len(comments) >= max_comments:
    break

# Close the browser
driver.quit()

return comments

# Ask user for input
video_url = input("Enter the YouTube video URL: ")
comments = get_comments(video_url, max_comments=500)

# Print the extracted comments, upvotes, and time
for comment in comments:
    print(f"Comment: {comment['comment']}")
    print(f"Upvotes: {comment['upvotes']}")
    print(f"Time: {comment['time']}")
    print('-' * 50)

```

Enter the YouTube video URL: https://www.youtube.com/watch?v=mih_xPmo-Tc
 Comment: Thank you Sir for the effective content and explanation. I have le
 arnt selenium using Python. Now I am capable to do the biggest projects. On
 ce again Thank you Sir.

Upvotes: 1

Time: 2 years ago

 Comment: Hi Pavan,

Do you have any playlist or any documentation available for mobile automati
 on in visualizer tool using TestNG?

Upvotes: 1

Time: 2 years ago

 Comment: sir i have gone through all session of selenium ...pls provide me

notes of these session it will be very helpful for me to crack interview

Upvotes:

Time: 13 days ago

Comment: U greatly helped me to understand this concept .thank u so much .and sir do u have base and pojo class video

Upvotes:

Time: 1 year ago

Comment: Hi Sir,

if we are storing in set , insertion order will not be maintained so when we retrieve through it.next() how we know confirm parent one is stored in parentwindowId.

Upvotes:

Time: 1 month ago

Comment: Great video, Pavan Sir. Thank You for sharing this info. with us.. . :-).

Upvotes: 1

Time: 2 years ago

Comment: Great job. Could you please post mobile automation videos.

Upvotes: 2

Time: 2 years ago

Comment: thank u so much sir for sharing ur knowledge.....keep uploading.

Upvotes: 2

Time: 10 months ago

Comment: Hi Pavan sir, for me ,the driver.findElement for child browser is not working. It is showing error "No such element found exception".. But while finding it through Selector's hub it is matching to the exact element.

Upvotes:

Time: 9 months ago

Comment: attaching pdf file will be of great value. Thanks.

Upvotes:

Time: 8 months ago

Comment: If multiple browser title has same then how to close particular browser

Upvotes:

Time: 7 months ago

Comment: I am unable to launch this application. Can anyone please provide similar application so that I can practice on it.

Upvotes:

Time: 8 days ago

Comment: already opened window if i want to switch 5 window how do i switch it?

Upvotes:

Time: 11 months ago

Comment: if i want to click on any button in child window than and in backside the parent window is open

```

Upvotes:
Time: 5 months ago
-----
Comment: అధ్యుతంగా చెప్పారు గురువు గారు
Upvotes:
Time: 2 years ago
-----
Comment: Very very useful videos
Upvotes: 1
Time: 10 months ago
-----
Comment: This code is not running sir
Upvotes:
Time: 5 months ago
-----
Comment: Thank you
Upvotes:
Time: 2 years ago
-----
Comment: mobile testing,appium plz
Upvotes:
Time: 2 years ago
-----
Comment:
Upvotes: 1
Time: 2 years ago
-----
Comment: Voice is too slow
Upvotes:
Time: 4 months ago
-----
Comment: Nice Explanation
Upvotes: 1
Time: 1 year ago
-----

```

9. Write a python program to scrape a data for all available Hostels from <https://www.hostelworld.com/> in "London" location. You have to scrape hostel name, distance from city centre, ratings, total reviews, overall reviews, privates from price, dorms from price, facilities and property description

```

In [12]:
from selenium import webdriver
from selenium.webdriver.chrome.service import Service
from selenium.webdriver.common.by import By
from selenium.webdriver.chrome.options import Options

```

```

from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC
from selenium.common.exceptions import TimeoutException

# Set up Chrome WebDriver
#chrome_options = Options()
#chrome_options.add_argument("--headless") # Run Chrome in headless mode
#chrome_service = Service("path/to/chromedriver") # Replace with the path
driver = webdriver.Chrome()

# Set the URL for London hostels

# Load the page
driver.get("https://www.hostelworld.com")
driver.find_element(By.ID, "search-input-field").send_keys("London").

# Find all the hostel listings on the page
hostels = driver.find_elements(By.CLASS_NAME, "fabresult")

# Iterate over each hostel and extract the required information
for hostel in hostels:
    # Extract hostel name
    name = hostel.find_element(By.CLASS_NAME, "title").text.strip()

    # Extract distance from city centre
    distance = hostel.find_element(By.CLASS_NAME, "description").text.strip()

    # Extract ratings
    ratings = hostel.find_element(By.CLASS_NAME, "score").text.strip()

    # Extract total reviews
    total_reviews = hostel.find_element(By.CLASS_NAME, "reviews").text.strip()

    # Extract overall reviews
    overall_reviews = hostel.find_element(By.CLASS_NAME, "rating").text.strip()

    # Extract privates from price
    privates_from_price = hostel.find_element(By.CLASS_NAME, "price.title-5").text.strip()

    # Extract dorms from price
    dorms_from_price = hostel.find_element(By.CLASS_NAME, "price.title-6").text.strip()

    # Extract facilities
    facilities = [item.text.strip() for item in hostel.find_elements(By.CLASS_NAME, "facilities")]

    # Extract property description
    description = hostel.find_element(By.CLASS_NAME, "ratings").find_element(By.CLASS_NAME, "description").text.strip()

# Print the extracted information
print("Hostel Name:", name)
print("Distance from City Centre:", distance)
print("Ratings:", ratings)
print("Total Reviews:", total_reviews)
print("Overall Reviews:", overall_reviews)
print("Privates from Price:", privates_from_price)
print("Dorms from Price:", dorms_from_price)

```

```
print("Facilities:", facilities)
print("Property Description:", description)
print("-----")
```

```
# Quit the driver and close the browser
#driver.quit()
```

Timed out waiting for page to load

```
-----
ConnectionRefusedError                                Traceback (most recent call last)
~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connection.py in _new_conn(self)
    173         try:
--> 174             conn = connection.create_connection(
    175                 (self._dns_host, self.port), self.timeout, **extra_
kw

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/util/connection.py in create_connection(address, timeout, source_address, socket_options)
    95         if err is not None:
--> 96             raise err
    97

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/util/connection.py in create_connection(address, timeout, source_address, socket_options)
    85             sock.bind(source_address)
--> 86             sock.connect(sa)
    87             return sock

ConnectionRefusedError: [Errno 61] Connection refused
```

During handling of the above exception, another exception occurred:

```
NewConnectionError                                Traceback (most recent call last)
~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connectionpool.py in urlopen(self, method, url, body, headers, retries, redirect, assert_same_host, timeout, pool_timeout, release_conn, chunked, body_pos, **response_kw)
    698         # Make the request on the httplib connection object.
--> 699         httplib_response = self._make_request(
    700             conn,

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connectionpool.py in _make_request(self, conn, method, url, timeout, chunked, **httplib_request_kw)
    393         else:
--> 394             conn.request(method, url, **httplib_request_kw)
    395

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connection.py in request(self, method, url, body, headers)
    238         headers["User-Agent"] = _get_default_user_agent()
--> 239         super(HTTPConnection, self).request(method, url, body=body,
headers=headers)
    240

~/opt/anaconda3/lib/python3.9/http/client.py in request(self, method, url,
```

```

body, headers, encode_chunked)
    1278         """Send a complete request to the server."""
-> 1279         self._send_request(method, url, body, headers,
encode_chunked)
    1280

~/opt/anaconda3/lib/python3.9/http/client.py in _send_request(self, method,
url, body, headers, encode_chunked)
    1324         body = _encode(body, 'body')
-> 1325         self.endheaders(body, encode_chunked=encode_chunked)
    1326

~/opt/anaconda3/lib/python3.9/http/client.py in endheaders(self, message_bo
dy, encode_chunked)
    1273         raise CannotSendHeader()
-> 1274         self._send_output(message_body, encode_chunked=encode_chunk
ed)
    1275

~/opt/anaconda3/lib/python3.9/http/client.py in _send_output(self, message_
body, encode_chunked)
    1033         del self._buffer[:]
-> 1034         self.send(msg)
    1035

~/opt/anaconda3/lib/python3.9/http/client.py in send(self, data)
    973         if self.auto_open:
--> 974             self.connect()
    975         else:

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connection.py in connec
t(self)
    204     def connect(self):
--> 205         conn = self._new_conn()
    206         self._prepare_conn(conn)

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connection.py in _new_c
onn(self)
    185     except SocketError as e:
--> 186         raise NewConnectionError(
    187             self, "Failed to establish a new connection: %s" %
e

```

NewConnectionError: <urllib3.connection.HTTPConnection object at 0x7f78b9a88a00>: Failed to establish a new connection: [Errno 61] Connection refused

During handling of the above exception, another exception occurred:

```

MaxRetryError                                Traceback (most recent call last)
/var/folders/57/gh5p27812y92gkl08kl8whj40000gn/T/ipykernel_12000/2778776070
.py in <module>
    27
    28 # Find all the hostel listings on the page
--> 29 hostels = driver.find_elements(By.CLASS_NAME, "fabresult")
    30
    31 # Iterate over each hostel and extract the required information

```

```

~/opt/anaconda3/lib/python3.9/site-packages/selenium/webdriver/remote/webdr
iver.py in find_elements(self, by, value)
    859         # Return empty list if driver returns null
    860         # See https://github.com/SeleniumHQ/selenium/issues/4555
--> 861         return self.execute(Command.FIND_ELEMENTS, {"using": by, "v
alue": value})["value"] or []
    862
    863     @property

~/opt/anaconda3/lib/python3.9/site-packages/selenium/webdriver/remote/webdr
iver.py in execute(self, driver_command, params)
    436         params["sessionId"] = self.session_id
    437
--> 438         response = self.command_executor.execute(driver_command,
params)
    439         if response:
    440             self.error_handler.check_response(response)

~/opt/anaconda3/lib/python3.9/site-packages/selenium/webdriver/remote/remot
e_connection.py in execute(self, command, params)
    288         data = utils.dump_json(params)
    289         url = f"{self._url}{path}"
--> 290         return self._request(command_info[0], url, body=data)
    291
    292     def _request(self, method, url, body=None):

~/opt/anaconda3/lib/python3.9/site-packages/selenium/webdriver/remote/remot
e_connection.py in _request(self, method, url, body)
    309
    310         if self.keep_alive:
--> 311             response = self._conn.request(method, url, body=body,
headers=headers)
    312             statuscode = response.status
    313         else:

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/request.py in request(s
elf, method, url, fields, headers, **urlopen_kw)
    76         )
    77         else:
--> 78             return self.request_encode_body(
    79                 method, url, fields=fields, headers=headers, **urlo
pen_kw
    80             )

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/request.py in request_e
ncode_body(self, method, url, fields, headers, encode_multipart, multipart_
boundary, **urlopen_kw)
    168         extra_kw.update(urlopen_kw)
    169
--> 170         return self.urlopen(method, url, **extra_kw)

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/poolmanager.py in urlop
en(self, method, url, redirect, **kw)
    373         response = conn.urlopen(method, url, **kw)
    374         else:
--> 375             response = conn.urlopen(method, u.request_uri, **kw)
    376

```

```

    377         redirect_location = redirect and response.get_redirect_location()

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connectionpool.py in urlopen(self, method, url, body, headers, retries, redirect, assert_same_host, timeout, pool_timeout, release_conn, chunked, body_pos, **response_kw)
    781         "Retrying (%r) after connection broken by '%r': %s"
, retries, err, url
    782     )
--> 783     return self.urlopen(
    784         method,
    785         url,

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connectionpool.py in urlopen(self, method, url, body, headers, retries, redirect, assert_same_host, timeout, pool_timeout, release_conn, chunked, body_pos, **response_kw)
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~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connectionpool.py in urlopen(self, method, url, body, headers, retries, redirect, assert_same_host, timeout, pool_timeout, release_conn, chunked, body_pos, **response_kw)
    781         "Retrying (%r) after connection broken by '%r': %s"
, retries, err, url
    782     )
--> 783     return self.urlopen(
    784         method,
    785         url,

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/connectionpool.py in urlopen(self, method, url, body, headers, retries, redirect, assert_same_host, timeout, pool_timeout, release_conn, chunked, body_pos, **response_kw)
    753         e = ProtocolError("Connection aborted.", e)
    754
--> 755         retries = retries.increment(
    756             method, url, error=e, _pool=self, _stacktrace=sys.exc_info()[2]
    757         )

~/opt/anaconda3/lib/python3.9/site-packages/urllib3/util/retry.py in increment(self, method, url, response, error, _pool, _stacktrace)
    572
    573     if new_retry.is_exhausted():
--> 574         raise MaxRetryError(_pool, url, error or ResponseError(cause))
    575
    576     log.debug("Incremented Retry for (url='%s'): %r", url, new_retry)

```

MaxRetryError: HTTPConnectionPool(host='localhost', port=58880): Max retries exceeded with url: /session/986212dab64c81de3fc1883b6fdd24e0/elements (Caused by NewConnectionError('<urllib3.connection.HTTPConnection object at 0x7f78b9a88a00>: Failed to establish a new connection: [Errno 61] Connection'))

```
refused' ) )
```

In []: