

### compaing price of iphone on flipkart and maple store

```
In [ ]: from bs4 import BeautifulSoup as soup
        from urllib.request import urlopen as uReq
        import pandas as pd
        #product = 'Apple iPhone 13 (128GB)'
        product=input('enter product')
```

### finding price on flipkart

```
In [ ]: product_flip = product.replace(' ', '%20')
        flipkart_url = f'https://www.flipkart.com/search?q={product_flip}'
        # reading url
        uClient = uReq(flipkart_url)
        page_html = uClient.read()
        # closing connection
        uClient.close()
        page_soup = soup(page_html, "html.parser")
        containers = page_soup.findAll("div", { "class": "Nx9bqj _4b5DiR"})
        flip_price=containers[0].text.strip()
        print('the price at flipkart is: ',flip_price)
```

### finding price on maple store

```
In [ ]: base_url = "https://www.maplestore.in/search?q="
        maple_url = base_url + product.replace(" ", "+")
        # reading url
        uClient = uReq(maple_url)
        page_html = uClient.read()
        # closing connection
        uClient.close()
        page_soup = soup(page_html, "html.parser")
        price_element = page_soup.findAll("span",{ 'class':'actual_price_bold'})
        maple_price=price_element[0].text.strip()
        print('the price at maple store is: ',maple_price)
```

### displaying website where it is cheaper

```
In [ ]: def price_calc(flp,mlp):  
        flp = float(flp.replace("₹", "").replace(",",""))  
        mlp = float(mlp.replace("₹", "").replace(",",""))  
        if mlp < flp:  
            print('cheaper on maple store ' )  
            print(maple_url)  
        if flp < mlp:  
            print('cheaper on flipkart ' )  
            print(flipkart_url)  
  
price_calc(flip_price,maple_price)
```

In [ ]: