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In [12]: 1 from bs4 import BeautifulSoup as bs
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In [13]: 1 import requests
```

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In [14]: 1 root_link = 'https://www.flipkart.com/search?q=i+phone+14&otracker=search&otracker1=search&marketplace=FLIPKART&as-show=on&as=off&as-pos=1&
< >
```

```
In [27]: 1 for var in range(1,11):
2     if var == 1:
3         page = requests.get(root_link)
4         soup = bs(page.content, 'html.parser')
5
6         # price
7         price = soup.find_all('div', class_ = '_30jeq3 _1_WHN1')
8         product_price = [i.get_text() for i in price ]
9
10        # product name
11        product = soup.find_all('div', class_ = '_4rR01T')
12        product_name = [i.get_text() for i in product]
13
14        # product review
15        product_rev = soup.find_all('div', class_ = '_3LWZ1K')
16        product_rev = product_rev[:24]
17        product_review = [i.get_text() for i in product_rev]
18
19        # product desc
20        product_de = soup.find_all('div', class_ = 'fMghEO')
21        product_desc = [i.get_text() for i in product_de]
22    else:
23        link = root_link + '?&page=' + str(var)
24        page = requests.get(link)
25        soup = bs(page.content, 'html.parser')
26
27        # price
28        price = soup.find_all('div', class_ = '_30jeq3 _1_WHN1')
29        product_price.extend([i.get_text() for i in price])
30
31        # product name
32        product = soup.find_all('div', class_ = '_4rR01T')
33        product_name.extend([i.get_text() for i in product])
34
35        # product review
36        product_rev = soup.find_all('div', class_ = '_3LWZ1K')
37        product_rev = product_rev[:24]
38        product_review.extend([i.get_text() for i in product_rev])
39
40        # product desc
41        product_de = soup.find_all('div', class_ = 'fMghEO')
42        product_desc.extend([i.get_text() for i in product_de])
```

```
In [28]: 1 for i in [product_price, product_price, product_name,product_review]:
2         print(len(i))
```

```
240
240
240
240
```

```
In [29]: 1 import pandas as pd
2 df = pd.DataFrame({
3     'product_name':product_name,
4     'product_price':product_price,
5     'product_review':product_review,
6     'product_desc':product_desc
7 })
```

In [30]:

1	df
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Out[30]:

	product_name	product_price	product_review	product_desc
0	APPLE iPhone 14 (Midnight, 128 GB)	₹78,740	4.6	128 GB ROM15.49 cm (6.1 inch) Super Retina XDR...
1	APPLE iPhone 14 (Purple, 128 GB)	₹78,740	4.6	128 GB ROM15.49 cm (6.1 inch) Super Retina XDR...
2	APPLE iPhone 14 (Blue, 128 GB)	₹78,740	4.6	128 GB ROM15.49 cm (6.1 inch) Super Retina XDR...
3	APPLE iPhone 14 Plus (Starlight, 256 GB)	₹98,490	4.5	256 GB ROM17.02 cm (6.7 inch) Super Retina XDR...
4	APPLE iPhone 14 (Blue, 256 GB)	₹88,740	4.6	256 GB ROM15.49 cm (6.1 inch) Super Retina XDR...
...
235	APPLE iPhone XR (Blue, 128 GB)	₹44,999	4.6	128 GB ROM15.49 cm (6.1 inch) Display12MP Rear...
236	APPLE iPhone 12 Pro Max (Pacific Blue, 256 GB)	₹1,04,799	4.5	256 GB ROM17.02 cm (6.7 inch) Super Retina XDR...
237	Snexian Guru 355	₹799	3.1	32 MB RAM 32 MB ROM4.57 cm (1.8 inch) Displa...
238	Zen Z14	₹1,149	3.8	32 MB RAM 32 MB ROM6.1 cm (2.4 inch) Display...
239	APPLE iPhone 6 (Silver, 16 GB)	₹36,990	4.4	16 GB ROM11.94 cm (4.7 inch) Retina HD Display...

240 rows × 4 columns

In []:

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