```
Notebook Resources
   import requests
   import bs4
  raw_data = requests.get("https://www.flipkart.com/redmi-note-11-space-black-64-gb/p/itme81102bba3838")
  raw data
                  <Response [200]>
  raw_data.content
                 </div></div><div class="_1mUdNz"></div><div class="_331-kn"></div><div class="_2c7YLP UtUXW0 _6t1WkM _3HqJxg"><div class="_1YokD2 _2GoDe3" style="background-color:#FFFFFF;padding:16px 16px 16px 16px"><div class="_1YokD2 _3mn16g col-5-12" |
                  _78xt5Y"><div class="_1AtVbE col-12-12"><div class="_1iýjIJ"><div class="_3li76G"><div class="_35DpL-"><div class="_2FHWw4"><div class="_2mLllQ" style="height:320px"><ul class="_3GnUWp" style="-webkit-transform:translateY(-0px);-moz-
                  transform:translateY(-0px);-o-transform:translateY(-0px);-ms-transform:translateY(-0px);transform:translateY(-0px)"><li
                 class="_20Gt85__1Y_A6W" style="height:64px"><div class="_1AuMiq P9aMAP"><div class="_2E1FG5"><img class="q6DC1P" src="https://rukminim1.flixcart.com/image/128/128/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?q=70"/></div>
                class="_20Gt85 _1Y_A6W" style="height:64px"><div class="_1AuMiq"><div class="_2E1FGS"><img class="q6DClP"
                  src="https://rukminim1.flixcart.com/image/128/128/xif0q/mobile/h/z/p/-original-imagbh9vtz99ndjf.jpeg?q=70"/></div></rr>
                  class="_20Gt85 _1Y_A6W" style="height:64px"><div class="_1AuMiq"><div class="_2E1FGS"><img class="q6DC1P"
                  src="https://rukminim1.flixcart.com/image/128/128/xif0q/mobile/q/h/v/-original-imagbh8dcmjqu9ns.jpeg?q=70"/></div>
                  </div><div class="_1VfWRb _3jywji YTKFIp"><svg width="8" height="15" viewBox="0 0 16 27" xmlns="http://www.w3.org/2000/svg
                  class="_1YdSSj"><path d="M16 23.207L6.11 13.161 16 3.093 12.955 0 0 13.161l12.955 13.161z" fill="#000" class=""></path></svg>
                  </div><div class="_1VfWRb VnysF0 YTKFIp"><svg width="8" height="15" viewBox="0 0 16 27" xmlns="http://www.w3.org/2000/svg
                  class="_1YdSSj"><path d="M16 23.207L6.11 13.161 16 3.093 12.955 0 0 13.161112.955 13.161z" fill="#000" class=""></path></svg>
                 </div></div></div><div class="_1BweB8"><div class="_3kidJX"><div class="_3A1TYz" style="height:0;width:0"></div><div class="CXW8mj _3nMexc" style="height:inherit;width:inherit"><img loading="eager" class="_396cs4 _2amPTt _3qGmMb" alt="REDMI Note")</pre>
                  11 (Space Black, 64 GB)" src="https://rukminim1.flixcart.com/image/416/416/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?
                 https://rukminim1.flixcart.com/image/416/416/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?q=70 1x"/></div></div><div
                   class="hYnC +" style="left-0-width:0;height:0"><img class="_3_UeBw"/></div></div></div></div></div></div
                                                                                                   X p://www.w3.org/2000/svg" class="_110elc" width="16" height="16" viewBox="0 0 20 16"><path 9.536 1 6.065 1 3.219 3.178 1 5.95 1c1.566 0 3.069.746 4.05 1.915C10.981 1.745 12.484 1 14.05 1
       Saved successfully!
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                1.958H3.768l.002.003c-.017 0-.033-.003-.05-.003-1.06 0-1.92.86-1.92 1.92s.86 1.92 1.92 1.92c.99 0 1.805-.75 1.91-
                  1.71215.55.076c.12.922.91 1.636 1.867 1.636 1.04 0 1.885-.844 1.885-1.885 0-.866-.584-1.593-1.38-1.81412.423-
                 8.832c.12-.433-.206-.86-.655-.86" fill="#fff"></path></svg> <!-- -->Add to cart</button>class="col col-6-12"><form></button class="_2KpZ61 _2U9uOA ihZ75k _3AWRsL" type="button"><span class="_3iRXzi"></span> <!-- -->Buy Now</button></form>
                  </div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>
                  24px"><div class="_1YokD2 _2GoDe3"><div class="_1AtVbE" style="flex-grow:1;overflow:auto"><div class="_1MR4o5"><div class="_1MR4o5"><di
                  class="_3GIHBu"><a class="_2whKao" href="/?otracker=product_breadCrumbs_Home">Home</a><svg width="16" height="27" viewBox="0 0
                  16 27" xmlns="http://www.w3.org/2000/svg" class="_39X-0g"><path d="M16 23.207L6.11 13.161 16 3.093 12.955 0 0 13.161l12.955
                 13.161z" fill="#fff" class="DpXnhQ"></path></svg></div><div class="_3GIHBu"><a class="_2whKao" href="/mobiles-accessories/pr? sid=tyy&amp;marketplace=FLIPKART&amp;otracker=product_breadCrumbs_Mobiles+%26+Accessories">Mobiles &amp; Accessories</a></a></svg
                 width="16" height="27" viewBox="0 0 16 27" xmlns="http://www.w3.org/2000/svg" class="_39X-Og"><path d="M16 23.207L6.11 13.161 16 3.093 12.955 0 0 13.161112.955 13.161z" fill="#fff" class="DpXnhQ"></path></svg></div><div class="_3GIHBu"><a class="_2WhKao"
                  href="/mobiles/pr?sid=tyy,4io&marketplace=FLIPKART&otracker=product\_breadCrumbs\_Mobiles">Mobiles</a><svg width="16" for the first of the f
                  height="27" viewBox="0 0 16 27" xmlns="http://www.w3.org/2000/svg" class="_39X-0g"><path d="M16 23.207L6.11 13.161 16 3.093
                  12.955 0 0 13.161112.955 13.161z" fill="#fff" class="DpXnhQ"></path></svg></div><div class="_3GIHBu"><a class="_2whKao"
                 href="/mobiles/redmi~brand/pr?sid=tyy,4io&marketplace=FLIPKART&otracker=product_breadCrumbs_REDMI+Mobiles">REDMI Mobiles</a><svg width="16" height="27" viewBox="0 0 16 27" xmlns="http://www.w3.org/2000/svg" class="_39X-Og"><path d="M16" d
                  23.207L6.11 13.161 16 3.093 12.955 0 0 13.161l12.955 13.161z" fill="#fff" class="DpXnhQ"></path></fiv><div><div><div><div</div><div</di></or>
                class="_3GIHBu"><div class="_1JJS6T __whKao _1QoaG0"><div class="_2NKhZn">REDMI Note 11 (Space Black, 64 GB) (4 GB RAM) \n</div><svg width="16" height="27" viewBox="0 0 16 27" xmlns="http://www.w3.org/2000/svg" class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">class="_39X-Og">clas
                 class="_1AtVbE col-12-12" style="flex:0 0 90px;max-width:90px"><div class="_3PzNI- _3EPyR5"><span class="f3A4_V"><label
class="_2iDkf8"><input type="checkbox" class="_30VH15" readonly=""/><div class="_24_Dny"></div></label></span><label
class="_6Up2sF">Compare</label></div></div></div></div</div</div</div</di>
                 class="_1GpbsQ"><div class="Bv11UC"><span class=""><span class="_2kXMeX"><svg xmlns="<u>http://www.w3.org/2000/svg</u>" width="18"
  filter = bs4.BeautifulSoup(raw data.text)
  # fetching reviews
  review = []
  fetched_reviews = filter.find_all('div', {'class': 't-ZTKy'})
  for (index, review) in enumerate(fetched_reviews):
        review.append(review.get_text());
        print(index, ". ", review.get_text(), "\n");
                  0 . The phone is good in this price range. I think best . Camera 5\5 battery 4|5 display 5|5 . performance 4|5 look 5\5.I am very
```

```
1 . Nice product in this price range, Decent camera and unstoppable performance for daily activities READ MORENice product in this p
     2 . So niceREAD MORESo niceREAD MORE
     3 . Nice phone this price rangeREAD MORENice phone this price rangeREAD MORE
     4 . Very good mobileREAD MOREVery good mobileREAD MORE
     {\tt 5} . Nice product low priceREAD MORENice product low priceREAD MORE
     6 . All things is best but camera in low light conditions bad but i like this phoneREAD MOREAll things is best but camera in low l
     7. Good 😊 productREAD MOREGood 😊 productREAD MORE
     8 . Best phone very good flipkart serviceREAD MOREBest phone very good flipkart serviceREAD MORE
     9. Good 👍 😊 READ MOREGOOD 👍 😊 READ MORE
# fetching ratings
rating = []
fetched_rating = filter.find_all('div', {'class': '_3LWZIK _1BLPMq'})
for (index, individual_rating) in enumerate(fetched_rating):
  rating.append(individual_rating.get_text())
  print(index, ". ", individual_rating.get_text())
 Saved successfully!
                                  X
#retcning tags
tags = []
fetched_tags = filter.find_all('p', {'class': '_2-N8zT'})
for (index, tag) in enumerate (fetched_tags):
  tags.append(tag.get_text())
  print(index, ". ", tag.get_text())
     0 . Wonderful1 . Simply awesome
     2 . Just wow!
3 . Wonderful
     5 . Nice product
     6 . Delightful
     8 . Excellent9 . Brilliant
# fetching customer names
customerNames = []
fetched_customerNames = filter.find_all('p', {'class': '_2sc7ZR _2V5EHH'})
for (index, customer) in enumerate (fetched_customerNames):
  customerNames.append(customer.get_text())
  print(index, ". ", customer.get_text())
     1 . Sonu Dhoundiyal
2 . Chandan Kumar Singh
     3 . Manabendra Chhatui4 . Suman Das
     6 . Flipkart Customer
     7 . Flipkart Customer
     8 . Sagar Khedkar
9 . Shani Gaud
# building data
data = []
```

```
column_names = ['Sr.No.', 'Customer Name', 'Tag', 'Rating', 'Review']
for i in range(len(reviews)):
  data.append([(i+1), customerNames[i], tags[i], rating[i], reviews[i]])
data
        'Áritrya Roy',
       'Wonderful',
     'The phone is good in this price range. I think best . Camera 5\5 battery 4\5 display 5\5 . performance 4\5 look 5\5. I am very happy with this \heartsuit READ MORE'],
      [2,
'Sonu Dhoundiyal',
       'Simply awesome',
       'Nice product in this price range, Decent camera and unstoppable performance for daily activities READ MORE'],
      [3, 'Chandan Kumar Singh', 'Just wow!', '5', 'So niceREAD MORE'],
      [4,
        'Manabendra Chhatui',
       'Wonderful',
      'Nice phone this price rangeREAD MORE'],
[5, 'Suman Das', 'Nice', '3', 'Very good mobileREAD MORE'],
[6, 'Raja Kumar', 'Nice product', '4', 'Nice product low priceREAD MORE'],
      [7,
'Flipkart Customer',
       'Delightful',
      'All things is best but camera in low light conditions bad but i like this phoneREAD MORE'], [8, 'Flipkart Customer', 'Wonderful', '5', 'Good 😊 productREAD MORE'],
      [9,
        'Sagar Khedkar',
       'Excellent',
       'Best phone very good flipkart serviceREAD MORE'],
      [10, 'Shani Gaud', 'Brilliant', '5', 'Good 👍 😊 READ MORE']]
from tabulate import tabulate
 Saved successfully!
                                        _names));
       Sr.No. Customer Name
                                                           Rating Review
             1 Aritrya Roy
                                       Wonderful
                                                                    The phone is good in this price range. I think best . Camera 5\5 battery 4
             2 Sonu Dhoundiyal
                                                                 5 Nice product in this price range, Decent camera and unstoppable performance
                                                                 5 So niceREAD MORE
                                                                 5 Nice phone this price rangeREAD MORE
                                                                 3 Very good mobileREAD MORE
                                                                 4 Nice product low priceREAD MORE
             7 Flipkart Customer
                                       Delightful
                                                                 4 All things is best but camera in low light conditions bad but i like this
             8 Flipkart Customer
                                       Wonderful
                                                                 5 Good 😊 productREAD MORE
                                                                 9 Sagar Khedkar
            10 Shani Gaud
                                       Brilliant
     4
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