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><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 _3Mn1Gg col-5-12
_78xt5Y"><div class="_1AtVbE col-12-12"><div class="_1iyjIJ"><div class="_3li7GG"><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="_2E1FGS"><img class="q6DClP"
src="https://rukminim1.flixcart.com/image/128/128/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?q=70"/></div></div></li><li
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/t/x/r/-original-imagbshc9gahxb5h.jpeg?q=70"/></div></div></li><li
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/r/n/h/-original-imagbh8d5he2myy6.jpeg?q=70"/></div></div></li><li
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></div></li><li
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/q/h/v/-original-imagbh8dcmjgu9ns.jpeg?q=70"/></div></div></li>
</ul></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 VnysFO 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></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
11 (Space Black, 64 GB)" src="https://rukminim1.flixcart.com/image/416/416/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?
q=70" srcSet="https://rukminim1.flixcart.com/image/832/832/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?q=70 2x,
https://rukminim1.flixcart.com/image/416/416/xif0q/mobile/z/u/k/-original-imagbh8dmpjfzrjw.jpeg?q=70 1x"/></div></div><div
class="bXnC_t" style="left:0;width:0;height:0"><img class="_3_UeBw"/></div></div></div><div class="_2hVSre _25_uYi"><div
p://www.w3.org/2000/svg" class="_1l0elc" 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
16.822 1 19 3.22 19 6.065c0 3.471-3.06 6.316-7.695 10.617L10 17.897l-1.305-1.215z" fill="#2874F0" class="eX72wL" stroke="#FFF"
fill-rule="evenodd" opacity=".9"></path></svg></div></div></div></div><div class="_1AtVbE col-12-12"><div class="_1p3MFP
dTTu2M"><ul class="row"><li class="col col-6-12"><button class="_2KpZ6l _2U9uOA _3v1-ww"><svg class="_1KOMV2" width="16"
height="16" viewBox="0 0 16 15" xmlns="http://www.w3.org/2000/svg"><path class="" d="M15.32 2.405H4.887C3 2.405 2.46.805
2.46.805L2.257.21C2.208.085 2.083 0 1.946 0H.336C.1 0-.064.24.024.461.644 1.945L3.11 9.767c.047.137.175.23.32.23h8.418l-.493
1.958H3.768l1.002.003c-.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-
1.712l5.55.076c.12.922.91 1.636 1.867 1.636 1.04 0 1.885-.844 1.885-1.885 0-.866-.584-1.593-1.38-1.814l2.423-
8.832c.12-.433-.206-.86-.655-.86" fill="#fff"></path></svg> <!-- -->Add to cart</button></li><li class="col col-6-12"><form>
<button class="_2KpZ6l _2U9uOA ihZ75k _3AWRsL" type="button"><span class="_3iRXzi"></span> <!-- -->Buy Now</button></form></li>
</ul></div></div><div class="_1AtVbE col-12-12"></div></div><div class="_1YokD2 _3Mn1Gg col-8-12" style="padding:0px 0px 0px
24px"><div class="_1YokD2 _2GoDe3"><div class="_1AtVbE" style="flex-grow:1;overflow:auto"><div class="_1MR4o5"><div
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-Og"><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><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 13.161l12.955 13.161z" fill="#fff" class="DpXnhQ"></path></svg></div><div class="_3GIHBu"><a class="_2whKao"
href="/mobiles/pr?sid=tyy,4io&amp;marketplace=FLIPKART&amp;otracker=product_breadCrumbs_Mobiles">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 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/redmi~brand/pr?sid=tyy,4io&amp;marketplace=FLIPKART&amp;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
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"><div class="_1LJS6T _2whKao _1QoaG0"><div class="_2NKhZn"><p>REDMI Note 11 (Space Black, 64 GB) (4 GB RAM)
</p>\n</div></div><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 13.161l12.955 13.161z" fill="#fff" class="DpXnhQ"></path></svg></div></div></div>
<div 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="_30VH1S" readonly=""/><div class="_24_Dny"></div></label></span><label
class="_6Up2sF">Compare</label></div></div><div class="_1AtVbE col-12-12" style="flex:0 0 90px;max-width:90px"><div
class="_1GpbsQ"><div class="Bv11UC"><span class=""><span class="_2kXMeX"><svg xmlns="http://www.w3.org/2000/svg" width="18"
```

Saved successfully!

```
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 activitiesREAD 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

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': '_3LWZlK _1BLPMq'})

for (index, individual_rating) in enumerate(fetched_rating):
  rating.append(individual_rating.get_text())
  print(index, ". ", individual_rating.get_text())
```

```
0 .  4
1 .  5
2 .  5
3 .  5
4 .  3
5 .  4
6 .  4
7 .  5
8 .  5
```

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```
#fetching 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 .  Wonderful
1 .  Simply awesome
2 .  Just wow!
3 .  Wonderful
4 .  Nice
5 .  Nice product
6 .  Delightful
7 .  Wonderful
8 .  Excellent
9 .  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())
```

```
0 .  Aritrya Roy
1 .  Sonu  Dhoundiyal
2 .  Chandan Kumar Singh
3 .  Manabendra Chhatui
4 .  Suman  Das
5 .  Raja Kumar
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
```

```
[[1,
  'Aritrya Roy',
  'Wonderful',
  '4',
  '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❤️❤️READ MORE'],
 [2,
  'Sonu  Dhoundiyal',
  'Simply awesome',
  '5',
  'Nice product in this price range,Decent camera and unstoppable performance for daily activitiesREAD MORE'],
 [3, 'Chandan Kumar Singh', 'Just wow!', '5', 'So niceREAD MORE'],
 [4,
  'Manabendra Chhatui',
  'Wonderful',
  '5',
  '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',
  '4',
  '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',
  '5',
  'Best phone very good flipkart serviceREAD MORE'],
 [10, 'Shani Gaud', 'Brilliant', '5', 'Good 👍😊READ MORE']]
```

```
from tabulate import tabulate
```

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```
_names));
```

Sr.No.	Customer Name	Tag	Rating	Review
1	Aritrya Roy	Wonderful	4	The phone is good in this price range. I think best . Camera 5\5 battery 4
2	Sonu Dhoundiyal	Simply awesome	5	Nice product in this price range,Decent camera and unstoppable performance
3	Chandan Kumar Singh	Just wow!	5	So niceREAD MORE
4	Manabendra Chhatui	Wonderful	5	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	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	Excellent	5	Best phone very good flipkart serviceREAD MORE
10	Shani Gaud	Brilliant	5	Good 👍😊READ MORE

Colab paid products - Cancel contracts here

✓ 0s completed at 1:01 PM