

In [1]:

```
import requests #request access,send http requests like get,post
import bs4 #use to pull data from websites
```

In [2]:

```
request1 = requests.get('https://www.flipkart.com/poco-c31-royal-blue-64-gb/p/itm19effae969')
request1
```

Out[2]:

<Response [200]>

In [3]:

```
request1.content #will get raw html document data
```

Out[3]:

```
b'<!doctype html><html lang="en"><head><link href="https://rukminim1.flixcart.com" rel="preconnect"/><link rel="stylesheet" href="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/css/app_modules.chunk.905c37.css"/><link rel="stylesheet" href="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/css/app.chunk.4fb0ab.css"/><meta http-equiv="Content-type" content="text/html; charset=utf-8"/><meta http-equiv="X-UA-Compatible" content="IE=Edge"/><meta property="fb:page_id" content="102988293558"/><meta property="fb:admins" content="658873552,624500995,100000233612389"/><meta name="robots" content="noodp"/><link rel="shortcut icon" href="https://www.promos/new/20150528-140547-favicon-retina.ico"/><link type="application/opensearchdescription+xml" rel="search" href="/osdd.xml?v=2"/><meta property="og:type" content="website"/><meta name="og_site_name" property="og:site_name" content="Flipkart.com"/><link rel="apple-touch-icon" sizes="57x57" href="/apple-touch-icon-57x57.png"/><link rel="apple-touch-icon" sizes="72x72" href="/apple-touch-icon-72x72.png"/><link rel="apple-touch-icon" sizes="114x114" href="/apple-touch-icon-114x114.png"/><link rel="apple-touch-icon" sizes="144x144" href="/apple-touch-icon-144x144.png"/><link rel="apple-touch-icon" href="/apple-touch-icon-57x57.png"/><meta name="twitter:card" content="app"><meta name
```

In [4]:

```
soup = bs4.BeautifulSoup(request1.text) # will store data in one variable using bs4 library
soup
```

Out[4]:

```
<!DOCTYPE html>
<html lang="en"><head><link href="https://rukminim1.flixcart.com" rel="preco
nnect"/><link href="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp
-zion/css/app_modules.chunk.905c37.css" rel="stylesheet"/><link href="//stat
ic-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/css/app.chunk.4fb0a
b.css" rel="stylesheet"/><meta content="text/html; charset=utf-8" http-equiv
="Content-type"/><meta content="IE=Edge" http-equiv="X-UA-Compatible"/><meta
content="102988293558" property="fb:page_id"/><meta content="658873552,62450
0995,100000233612389" property="fb:admins"/><meta content="noodp" name="robo
ts"/><link href="https://www/promos/new/20150528-140547-favicon-retina.ico"
rel="shortcut icon"/><link href="/osdd.xml?v=2" rel="search" type="applicati
on/opensearchdescription+xml"/><meta content="website" property="og:type"/><
meta content="Flipkart.com" name="og_site_name" property="og:site_name"/><li
nk href="/apple-touch-icon-57x57.png" rel="apple-touch-icon" sizes="57x57"/>
<link href="/apple-touch-icon-72x72.png" rel="apple-touch-icon" sizes="72x7
2"/><link href="/apple-touch-icon-114x114.png" rel="apple-touch-icon" sizes
="114x114"/><link href="/apple-touch-icon-144x144.png" rel="apple-touch-ico
n" sizes="144x144"/><link href="/apple-touch-icon-57x57.png" rel="apple-touc
```

In [5]:

```
#fetching reviews and comments
reviews = soup.findAll('div',{'class' : 't-ZTKy'});
for review in reviews:
    print(review.get_text() + "\n\n")
```

Very nice poco phone. I am happy this product. color beautiful. sound qual
ity nice. touch screen very good. And all goodREAD MORE

This is best budget phone.... Poco C31, and order this product because I hav
e Poco M2 Reloaded, i was gift this phone to my sister on her birthday, she
loved it Thanks Flipkart for fast delivery Thanks Poco TeamREAD MORE

Very good quality phone but camera quality is pure but okay nd very nice pho
neSo beautiful display nd back cover 🙌 So I'm very happy 😊 🙌 🙌 READ MORE

In this budget it's a good phone , everything is good... Mi is a really nice
Android, it's not that slow, cameras are quite good too... Thanks to flipkar
t for this on time delivery and I've been using this phone from 2 weeks and
it's so good so far.... Product is value for money. ❤️💖 READ MORE

Price : 1. Colour and design : 2. Dis. display at low price : 3. Camera as expected

In [6]:

```
#fetching average overall ratings
ratings = soup.find('div',{'class' : '_2d4LTz'}).get_text();
print(ratings)
```

4.3

In [15]:

```
#fetching individual ratings
individual_ratings = soup.findAll('div',{'class': '_3LWZ1K _1BLPMq'});
for rating in individual_ratings:
    print(rating.get_text() + '\n\n')
```

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4

In [16]:

```
#fetching tags
tags = soup.find('span',{'class': 'yhB1nd GXgmTe'})
print(tags.get_text())
```

#JustHere

In [18]:

```
#fetching customer names
names = soup.findAll('p',{'class': '_2sc7ZR _2V5EHH'})
for name in names:
    print(name.get_text() + '\n\n')
```

Rakesh Singh

Kavi Lama

Dibakar Nath

Ankita Das

MOKIM SARKAR

Suresh Kumar.k

Muzaffar Husen

Flipkart Customer

Sumanth Gopalasetti

Srijit Datta

In []: