

```
from bs4 import BeautifulSoup as bs
```

```
import requests
```

link="https://www.flipkart.com/vivo-t1-5g-rainbow-fantasy-128-gb/p/itm594222523bd8f?pid=MOB

```
page=requests.get(link)
```

page

<Response [200]>

page.content

```
<!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.104e9a.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://static-assets-web.flixcart.com/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="https://static-assets-web.flixcart.com/www/promos/new/20150528-140547-favicon-retina.ico"/>
```

```
soup=bs(page.content,"html.parser")
```

In [8]:

soup

Out[8]:

```
<!DOCTYPE html>
<html lang="en"><head><link href="https://rukminim1.flixcart.com" rel="pr
econnect"/><link href="//static-assets-web.flixcart.com/fk-p-linchpin-we
b/fk-cp-zion/css/app_modules.chunk.905c37.css" rel="stylesheet"/><link hr
ef="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/css/ap
p.chunk.104e9a.css" rel="stylesheet"/><meta content="text/html; charset=u
tf-8" http-equiv="Content-type"/><meta content="IE=Edge" http-equiv="X-UA
-Compatible"/><meta content="102988293558" property="fb:page_id"/><meta c
ontent="658873552,624500995,100000233612389" property="fb:admins"/><meta
content="noodp" name="robots"/><link href="https://static-assets-web.flix
cart.com/www/promos/new/20150528-140547-favicon-retina.ico" rel="shortcut
icon"/><link href="/osdd.xml?v=2" rel="search" type="application/opensear
chdescription+xml"/><meta content="website" property="og:type"/><meta con
tent="Flipkart.com" name="og_site_name" property="og:site_name"/><link hr
ef="/apple-touch-icon-57x57.png" rel="apple-touch-icon" sizes="57x57"/><l
ink href="/apple-touch-icon-72x72.png" rel="apple-touch-icon" sizes="72x7
2"/><link href="/apple-touch-icon-114x114.png" rel="apple-touch-icon" siz
es="114x114"/><link href="/apple-touch-icon-144x144.png" rel="apple-touch
```

In [9]:

```
print(soup.prettify())
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link href="https://rukminim1.flixcart.com" rel="preconnect"/>
  <link href="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zin
on/css/app_modules.chunk.905c37.css" rel="stylesheet"/>
  <link href="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zin
on/css/app.chunk.104e9a.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="658873552,624500995,100000233612389" property="fb:admin
s"/>
  <meta content="noodp" name="robots"/>
  <link href="https://static-assets-web.flixcart.com/www/promos/new/20150
528-140547-favicon-retina.ico" rel="shortcut icon"/>
  <link href="/osdd.xml?v=2" rel="search" type="application/opensearchdes
cription+xml"/>
  <meta content="website" property="og:type"/>
  <meta content="Flixcart.com" name="og:site_name" property="og:site_name">
```

Title of product

In [10]:

```
title=soup.title
```

In [11]:

```
print(type(soup))
```

```
<class 'bs4.BeautifulSoup'>
```

In [12]:

```
print(type(title))
```

```
<class 'bs4.element.Tag'>
```

In [13]:

```
print(title)
```

```
<title>vivo T1 5G ( 128 GB Storage, 6 GB RAM ) Online at Best Price On Flipkart.com</title>
```

In [14]:

```
print(title.string)
```

```
vivo T1 5G ( 128 GB Storage, 6 GB RAM ) Online at Best Price On Flipkart.com
```

In [28]:

```
price=soup.find_all("div",class_="_30jeq3 _16Jk6d")  
print(price)
```

```
[<div class="_30jeq3 _16Jk6d">₹16,990</div>]
```

In [30]:

```
product_price=[]  
for i in range(0,len(price)):  
    product_price.append(price[i].get_text())  
product_price
```

Out[30]:

```
['₹16,990']
```

Get all the customer name

In [33]:

```
name=soup.find_all("p",class_="_2sc7ZR _2V5EHH")
name
```

Out[33]:

```
[<p class="_2sc7ZR _2V5EHH">Vivian Francis</p>,
 <p class="_2sc7ZR _2V5EHH">Soumyadeep Porali</p>,
 <p class="_2sc7ZR _2V5EHH">Amit Kumar</p>,
 <p class="_2sc7ZR _2V5EHH">Sandeep Rathore</p>,
 <p class="_2sc7ZR _2V5EHH">Flipkart Customer</p>,
 <p class="_2sc7ZR _2V5EHH">Vikash Kumar </p>,
 <p class="_2sc7ZR _2V5EHH">Manoj S</p>,
 <p class="_2sc7ZR _2V5EHH">Mukesh Parida</p>,
 <p class="_2sc7ZR _2V5EHH">Risha Roy</p>,
 <p class="_2sc7ZR _2V5EHH">Mithun Babu</p>]
```

In [35]:

```
cust_name=[]
for i in range(0,len(name)):
    cust_name.append(name[i].get_text())
cust_name
```

Out[35]:

```
['Vivian Francis',
 'Soumyadeep Porali',
 'Amit Kumar',
 'Sandeep Rathore',
 'Flipkart Customer',
 'Vikash Kumar ',
 'Manoj S',
 'Mukesh Parida',
 'Risha Roy',
 'Mithun Babu']
```

In [37]:

```
comment=soup.find_all("p",class_="_2-N8zT")
comment
```

Out[37]:

```
[<p class="_2-N8zT">Good quality product</p>,
 <p class="_2-N8zT">Very Good</p>,
 <p class="_2-N8zT">Pretty good</p>,
 <p class="_2-N8zT">Best in the market!</p>,
 <p class="_2-N8zT">Terrific</p>,
 <p class="_2-N8zT">Fabulous!</p>,
 <p class="_2-N8zT">Good</p>,
 <p class="_2-N8zT">Worth every penny</p>,
 <p class="_2-N8zT">Great product</p>,
 <p class="_2-N8zT">Brilliant</p>]
```

In [38]:

```
cust_comment=[]  
for i in range(0,len(comment)):  
    cust_comment.append(comment[i].get_text())  
cust_comment
```

Out[38]:

```
['Good quality product',  
'Very Good',  
'Pretty good',  
'Best in the market!',  
'Terrific',  
'Fabulous!',  
'Good',  
'Worth every penny',  
'Great product',  
'Brilliant']
```

In [42]:

```
star=soup.find_all("div",class="_3LWZlK _1BLPMq")
star
```

Out[42]:

```
[<div class="_3LWZlK _1BLPMq">4</div>,
  <div class="_3LWZlK _1BLPMq">4</div>,
  <div class="_3LWZlK _1BLPMq">4</div>,
  <div class="_3LWZlK _1BLPMq">5</div>,
  <div class="_3LWZlK _1BLPMq">5</div>,
  <div class="_3LWZlK _1BLPMq">5</div>,
  <div class="_3LWZlK _1BLPMq">3</div>,
  <div class="_3LWZlK _1BLPMq">5</div>,
  <div class="_3LWZlK _1BLPMq">5</div>,
  <div class="_3LWZlK _1BLPMq">5</div>]
```

In [44]:

```
cust_star=[]  
for i in range(0,len(star)):  
    cust_star.append(star[i].get_text())  
cust_star
```

Out[44]:

```
['4', '4', '4', '5', '5', '5', '3', '5', '5', '5']
```

In [47]:

```
review=soup.find_all("div",class_="t-ZTKy")
review
```

Out[47]:

```
[<div class="t-ZTKy"><div><div class="">Overall the phone is a good purchas
e..I want to mention the stuff i like about this phone and something which i
dont like or missing in this device...first of all i Start with the good thi
ngs <br>Pros:<br>*Great battery life<br>*<br>Decent rear camera setup<br>*<br>Grea
t In hand feel<br>*<br>Side mount Fingerprint sensor<br>*<br>Selfie night mode<br>
*<br>Good gaming experience<br>*<br>Runs on Android 12<br><br>Cons:<br>*<br>Missing
Wide/ultra wide cameras<br>*<br>Amoled Panel should have been there<br>*<br>Feels
bit laggy even in 120 hz refresh rate<br>*<br>Front cam could...</br></br></div>
<span class="_1BWGvX"><span>READ MORE</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">Nice phone, camera is superb battery
backup is nice, smooth touch sensitivity. Overall Good Phone in this price r
ange.</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">Overall Nice phone!!<br>Good displa
y and battery backup too 1 day easygoing!<br>Performance is also nice &
the camera was superb 📷<br>Overall the phone is working properly good quali
ty..<br>The price range is pretty good!!<br>Overall good experience with P
hone<br>It's my first time I go with vivo 🍑<br>Thanks Flipkart&vivo<b
r>To providing good quality service 🍑</div><span class="_1H-bmy"><span>REA
D MORE</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">This phone is very good 😊 and i lik
e this camera all so because this camera is so good and battery backup is so
good and i am so happy i have got this phone</div><span class="_1H-bmy"><spa
n>READ MORE</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">Very nice performance.<br>Camera qu
ality good<br>Battery good<br>Performance wise overall good<br>Network ca
tching is good<br><br>The only demerit I feel that small heating problem w
hile charging.. it may be due the first time charging.. anyway I am so tense
d about that.otherwise overall a good, user-friendly phone at this cost.. i
t's worthy</div><span class="_1H-bmy"><span>READ MORE</span></span></div></d
iv>,
<div class="t-ZTKy"><div><div class="">The Vivo T1 5G is a stylish smartpho
ne priced affordably but does it make for a good daily driver? Check out rev
iew to find out! <br>I'm very happy because this phone
📱 is very nice and super ❤️🥰💖</div><span class="_1H-bmy"><span>READ MOR
E</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">Touch function is not smooth, Back b
utton is not functioning properly it required more touch force to function.
(rectified after the new update)<br>Network coverage is good,<br>Overall l
ook is good.<br>Battery backup is ok.<br>Finger print sensor is fast<br>G
ood quality back cover .<br>Price range is ok.<br><br>Adaptive brightness
control is very slow.<br>Hands free volume is not good.<br>Main camera ava
rage.<br>No inbuilt secure folder For apps and files.<br>Battery charging
is not fast.<br>Consumed 2.6 gb ram for Android system.<br>...</div><span
class="_1BWGvX"><span>READ MORE</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">Very good products,I love it ❤️❤️💖
❤️🌟🌟<br>Good camera 📷,good phone 📱,mid renge phone, awesome prosser,g
ood phone 📱 everything is going to be good 😊👍👍👍</div><span class="_1H
-bmy"><span>READ MORE</span></span></div></div>,
<div class="t-ZTKy"><div><div class="">That's not to say VIVO phones aren't
good quality; they really are - especially if you go for its flagship and mi
d-range options. From around 2018 onwards, VIVO's quality control and finess
e improved dramatically. It now makes some of the most durable and reliable
phones on the market at this price point.</div><span class="_1H-bmy"><span>R
EAD MORE</span></span></div></div>,</div></div>
```



```
<div class="t-ZTKy"><div><div class="">As usual phone looks premium with sturdy built quality<br/>* Camera performance is average not up-to mark.<br/>* Comes with latest android 12 and funtouch os 12.<br/>* So battery optimization is good enough<br/>* As it's price range it supports only 18w fast charging.<br/>* More over it is value for money when you buy with exchange or on card offer.</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>]
```

In [48]:

```

cust_review=[]
for i in range(0,len(review)):
    cust_review.append(review[i].get_text())
cust_review

```

Out[48]:

['Overall the phone is a good purchase..I want to mention the stuff i like a bout this phone and something which i dont like or missing in this device... first of all i Start with the good things Pros:*Great battery life*Decent rear camera setup*Great In hand feel*Side mount Fingerprint sensor*Selfie night mode*Good gaming experience*Runs on Android 12Cons:*Missing Wide/ultra wide cameras*Amoled Panel should have been there*Feels bit laggy even in 120 hz refresh rate*Front cam could...READ MORE',
 'Nice phone, camera is superb battery backup is nice, smooth touch sensitivity. Overall Good Phone in this price range.READ MORE',
 'Overall Nice phone!!Good display and battery backup too 1 day easygoing!Performance is also nice & the camera was superb 📷 Overall the phone is working properly good quality..The price range is pretty good!!Overall good experience with PhoneIt's my first time I go with vivo 🙌 Thanks Flipkart&vivoTo providing good quality service 🙌 READ MORE',
 'This phone is very good 😊 and i like this camera all so because this camera is so good and battery backup is so good and i am so happy i have got this phoneREAD MORE',
 "Very nice performance.Camera quality goodBattery goodPerformance wise overall goodNetwork catching is goodThe only demerit I feel that small heating problem while charging.. it may be due the first time charging.. anyway I am so tensed about that.otherwise overall a good, user-friendly phone at this cost.. it's worthyREAD MORE",
 "The Vivo T1 5G is a stylish smartphone priced affordably but does it make for a good daily driver? Check out review to find out! I'm very happy because this phone 📱 is very nice and super ❤️😄❤️ READ MORE",
 'Touch function is not smooth, Back button is not functioning properly it required more touch force to function.(rectified after the new update)Network coverage is good,Overall look is good.Battery backup is ok.Finger print sensor is fastGood quality back cover .Price range is ok.Adaptive brightness control is very slow.Hands free volume is not good.Main camera average.No inbuilt secure folder For apps and files.Battery charging is not fast.Consumed 2.6 gb ram for Android system....READ MORE',
 'Very good products,I love it ❤️❤️❤️\u200d👉❤️🌟🌟 Good camera 📷,good phone 📱,mid range phone, awesome prosser,good phone 📱 everything is going to be good 😊👍👍👍 READ MORE',
 "That's not to say VIVO phones aren't good quality; they really are - especially if you go for its flagship and mid-range options. From around 2018 onwards, VIVO's quality control and finesse improved dramatically. It now makes some of the most durable and reliable phones on the market at this price point.READ MORE",
 "As usual phone looks premium with sturdy built quality* Camera performance is average not up-to mark.* Comes with latest android 12 and funtouch os 12.* So battery optimization is good enough* As it's price range it supports only 18w fast charging.* More over it is value for money when you buy with exchange or on card offer.READ MORE"]

Applying Tabular Structure

In [49]:

```
import pandas as pd
```

In [51]:

```
df=pd.DataFrame()  
df["Customer_Name"]=cust_name  
df["comment"]=cust_comment  
df["star"]=cust_star  
df["review"]=cust_review
```

In [52]:

df

Out[52]:

	Customer_Name	comment	star	review
0	Vivian Francis	Good quality product	4	Overall the phone is a good purchase..I want t...
1	Soumyadeep Porali	Very Good	4	Nice phone, camera is superb battery backup is...
2	Amit Kumar	Pretty good	4	Overall Nice phone!!Good display and battery b...
3	Sandeep Rathore	Best in the market!	5	This phone is very good 😊 and i like this came...
4	Flipkart Customer	Terrific	5	Very nice performance.Camera quality goodBatte...
5	Vikash Kumar	Fabulous!	5	The Vivo T1 5G is a stylish smartphone priced ...
6	Manoj S	Good	3	Touch function is not smooth, Back button is n...
7	Mukesh Parida	Worth every penny	5	Very good products,I love it 🧡💖💗💜💥💫 Good cam...
8	Risha Roy	Great product	5	That's not to say VIVO phones aren't good qual...
9	Mithun Babu	Brilliant	5	As usal phone looks premium with study built q...

In []: