In [1]:
```python
from bs4 import BeautifulSoup as bs
```

In [2]:
```python
import requests
```

In [3]:
```
4-62fa-40b6-b7d2-f958799db637.MOBG6VF5ADKHKXFX.SEARCH&ppt=hp&ppn=homepage&ssid=dda
```

In [4]:
```python
requests.get(link)
```

Out[4]:
```
<Response [200]>
```

In [5]:
```python
page = requests.get(link)
```

In [6]:
```python
soup=bs(page.content,"html.parser")
soup
```

```
}</style><script crossorigin="anonymous" defer="defer" src
="//static-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/js/runtime.44
bfc32e.js"></script><script crossorigin="anonymous" defer="defer" src="//stat
ic-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/js/vendor.chunk.88302
02d.js"></script><script crossorigin="anonymous" defer="defer" src="//static-
assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/js/app_modules.chunk.a93
67353.js"></script><script crossorigin="anonymous" defer="defer" src="//stati
c-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/js/app_common.chunk.c8
ccdc82.js"></script><script crossorigin="anonymous" defer="defer" src="//stat
ic-assets-web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/js/app.chunk.5770850
7.js"></script><link href="//static-assets-web.flixcart.com/fk-p-linchpin-we
b/fk-cp-zion/css/Product.chunk.0bdd3b.css" rel="stylesheet"/><title>iPhone 13
( 128 GB GB Storage, Starlight) Online at Best Price On Flipkart.com</title><
meta content="iPhone 13 ( 128 GB GB Storage, Starlight) Online at Best Price
On Flipkart.com" name="og_title" property="og:title"> <meta content="Buy Appl
e iPhone 13 online at best price with offers in India. Apple iPhone 13 (Starl
ight, 128 GB) with features and specifications include 128 GB GB ROM, 12 MP b
ack camera and 12 MP front camera. Compare iPhone 13 by price and performance
to shop at Flipkart" name="Description"><meta content="Buy Apple iPhone 13 on
line at best price with offers in India. Apple iPhone 13 (Starlight, 128 GB)
```

In [7]:
```python
print(soup.prettify())
```

```
    <link href="/apple-touch-icon-114x114.png" rel="apple-touch-icon" sizes="11
4x114"/>
    <link href="/apple-touch-icon-144x144.png" rel="apple-touch-icon" sizes="14
4x144"/>
    <link href="/apple-touch-icon-57x57.png" rel="apple-touch-icon"/>
    <meta content="app" name="twitter:card"/>
    <meta content="@flipkart" name="twitter:site"/>
    <meta content="@flipkart" name="twitter:creator"/>
    <meta content="iPhone 13 ( 128 GB GB Storage, Starlight) Online at Best Pri
ce On Flipkart.com" name="twitter:title"/>
    <meta content="Shop for electronics, apparels &amp; more using our Flipkart
app Free shipping &amp; COD." name="twitter:description"/>
    <meta content="http://rukmini1.flixcart.com/image/300/300/ktketu80/mobile/
6/n/d/iphone-13-mlpg3hn-a-apple-original-imag6vpyghayhhrh.jpeg" property="twi
tter:image">
    <meta content="in" name="twitter:app:country"/>
    <meta content="Flipkart" name="al:ios:app_name"/>
    <meta content="742044692" name="al:ios:app_store_id"/>
    <meta content="Flipkart" name="twitter:app:name:iphone"/>
    <meta content="742044692" name="twitter:app:id:iphone"/>
```

In [8]:
```python
title=soup.title
```

In [9]:
```python
print(type (soup))
```

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

In [10]:
```python
print (type(title))
```

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

In [11]:
```python
print (title.string)
```

```
iPhone 13 ( 128 GB GB Storage, Starlight) Online at Best Price On Flipkart.com
```

In [12]:
```python
price=soup.find_all("div",class_="_30jeq3 _16Jk6d")
print(price)
```

```
[<div class="_30jeq3 _16Jk6d">₹66,990</div>]
```

In [13]:
```python
product_price=[]
for i in range (0,len(price)):
    product_price.append(price[i].get_text())
product_price
```

Out[13]:
```
['₹66,990']
```

In [14]:
```python
name=soup.find_all("p",class_="_2sc7ZR _2V5EHH")
name
```

Out[14]: [<p class="_2sc7ZR _2V5EHH">Mahim Chauhan</p>,
 <p class="_2sc7ZR _2V5EHH">Vaibhav Raj</p>,
 <p class="_2sc7ZR _2V5EHH">Flipkart Customer</p>,
 <p class="_2sc7ZR _2V5EHH">Vishal Dubey</p>,
 <p class="_2sc7ZR _2V5EHH">Pabitra Biswas</p>,
 <p class="_2sc7ZR _2V5EHH">Satwinder Singh</p>,
 <p class="_2sc7ZR _2V5EHH">Nithesh Nayak</p>,
 <p class="_2sc7ZR _2V5EHH">Jithu Gopal</p>,
 <p class="_2sc7ZR _2V5EHH">ritu mishra</p>,
 <p class="_2sc7ZR _2V5EHH">Amit Kumar</p>]

In [15]:
```python
customer_name=[]
for i in range (0,len(name)):
    customer_name.append(name[i].get_text())
customer_name
```

Out[15]: ['Mahim Chauhan',
 'Vaibhav Raj',
 'Flipkart Customer',
 'Vishal Dubey',
 'Pabitra Biswas',
 'Satwinder Singh',
 'Nithesh Nayak',
 'Jithu Gopal',
 'ritu mishra',
 'Amit Kumar']

In [16]:
```python
comments=soup.find_all("p",class_="_2-N8zT")
comments
```

Out[16]: [<p class="_2-N8zT">Brilliant</p>,
 <p class="_2-N8zT">Fabulous!</p>,
 <p class="_2-N8zT">Perfect product!</p>,
 <p class="_2-N8zT">Must buy!</p>,
 <p class="_2-N8zT">Worth every penny</p>,
 <p class="_2-N8zT">Brilliant</p>,
 <p class="_2-N8zT">Must buy!</p>,
 <p class="_2-N8zT">Just wow!</p>,
 <p class="_2-N8zT">Terrific purchase</p>,
 <p class="_2-N8zT">Awesome</p>]

In [18]:
```python
customer_comments=[]
for i in range (0,len(comments)):
    customer_comments.append(comments[i].get_text())
customer_comments
```

Out[18]: ['Brilliant',
 'Fabulous!',
 'Perfect product!',
 'Must buy!',
 'Worth every penny',
 'Brilliant',
 'Must buy!',
 'Just wow!',
 'Terrific purchase',
 'Awesome']

```
In [21]: stars=soup.find_all("div",class_="_3LWZlK _1BLPMq")
         stars
```

Out[21]: [<div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>,
  <div class="_3LWZlK _1BLPMq">5<img class="_1wB99o" src="data:image/svg+xml;bas
e64,PHN2ZyB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciIHdpZHRoPSIxMyIgaGVpZ2h
0PSIxMiI+PHBhdGggZmlsbD0iI0ZGRiIgZD0iTTYuNSA5LjQzQzOWwtMy42NzQgMi4yMy45NC00LjI2LT
MuMjEtMi44ODMgNC4yNTQtLjQwNEw2LjUuMTEyYkDEuNjkgNC4wMSA0LjI1NC40MDQtMy4yMSAyLjg4M
i45NCA0LjI2eiIvPjwvc3ZnPg=="/></div>]

In [23]:
```python
customer_stars=[]
for i in range(0,len(stars)):
    customer_stars.append(stars[i].get_text())
customer_stars
```

Out[23]: ['5', '5', '5', '5', '5', '5', '5', '5', '5', '5']

In [25]:
```python
reviews=soup.find_all("div",class_="t-ZTKy")
reviews
```

Out[25]: [<div class="t-ZTKy"><div><div class="">I switch to ios from android after 10 years so this review might help for migrators

It's been a month using the iPhone13 and this was my experience

1. Design - its simple and no nonsense design . Expect white and pink rest of the colours are fingerprint magnets. I have seen all the colours and I highly recommend the pink . It's so light pink which makes it not girlish. See it for yourself it really looks so premium in light pink colour.

For rest of it except white the aluminium frame wil...</br></div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Amazing beast....
As expected , didn't disappoint me,
Had to sell hard chunk of kidneys to get it !!;p
Camera quality is definitely a super upgrade
Battery is super.. easily last throughout the day with heavy usage.
Light weight looks stylish what else you need??
Starlight color just wow!!!
Apple it would have been better if you should have given an adaptor. Increase 2k price and give it in box!!!
Simple ....
Edit 1 : After 14 days of usage highly satisfied with battery performance, Last thr...</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Awesome camera
Amazing battery life
Super xdr display is 💖👌
Playing games and day to day task are smooth
Face ID is superb
iOS 15 is really awesome 🤩 thanks to Apple </div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Just upgraded from 11 to iPhone 13 .. cinematic mode video awesome camera awesome display awesome
Looks A1 battery life is also good.
New filter mode in camera added</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Day 2 Review: Display shows great color. Performance was consistent since day one. All the small things you need to make a good phone is here.</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Very impressed with this order.. i phone 13 best in class , awsm camera quality, fastest in speed,
Very happy with my product</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">That was quick delivery by FLIPKART.
Box is so compact and light weight, for a moment I had doubt whether box has Mobile or not.

Product Red iPhone 13 is actually RED this time.
Feels comfortable when you hold in hand.
Feels light and more like big brother of iPhone 5s.

Selfie camera is great and battery seems better than iphone 12</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Got it in 2 days.so happy with the phone.starlight white is classy n suberb. That premium look is exquisite.Flawless ui... better battery backup.I am satisfied with the purchase.There is no phone like an iPhone :)</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">It's just mind-blowing I have switched from Android to iOS it feels fantastic. The alluring effect and the fascinated color it's top notch. I was hesitating to buy online but one can completely rely on. Special thanks to ekart and flipkart to deliver only in 2days delivery is quick and trustworthy.</div>READ MORE</div></div>,
 <div class="t-ZTKy"><div><div class="">Just shifted from Android to iOS .. The new iphone 13 is a great phone with a lot of improvements. It has the best

camera on the market..it works good in low light, the software is much improv
ed, and the battery life is long lasting.</div>RE
AD MORE</div></div>]

In [26]:
```python
customer_reviews=[]
for i in range(0,len(reviews)):
    customer_reviews.append(reviews[i].get_text())
customer_reviews
```

Out[26]: ['I switch to ios from android after 10 years so this review might help for mig
ratorsIt's been a month using the iPhone13 and this was my experience1. Design
- its simple and no nonsense design . Expect white and pink rest of the colours
are fingerprint magnets. I have seen all the colours and I highly recommend th
e pink . It's so light pink which makes it not girlish. See it for yourself it
really looks so premium in light pink colour. For rest of it except white the a
luminium frame wil...READ MORE',
 "Amazing beast....As expected , didn't disappoint me,Had to sell hard chunk of
kidneys to get it !!;pCamera quality is definitely a super upgradeBattery is su
per.. easily last throughout the day with heavy usage.Light weight looks stylis
h what else you need??Starlight color just wow!!!Apple it would have been bette
r if you should have given an adaptor. Increase 2k price and give it in box!!!
Simple ....Edit 1 : After 14 days of usage highly satisfied with battery perfor
mance, Last thr...READ MORE",
 'Awesome camera Amazing battery life Super xdr display is 💖👌Playing games an
d day to day task are smooth Face ID is superbiOS 15 is really awesome 🤩 thank
s to AppleREAD MORE',
 'Just upgraded from 11 to iPhone 13 ..cinematic mode video awesome camera awes
ome display awesome Looks A1 battery life is also good.New filter mode in camer
a addedREAD MORE',
 'Day 2 Review: Display shows great color. Performance was consistent since day
one. All the small things you need to make a good phone is here.READ MORE',
 'Very impressed with this order.. i phone 13 best in class , awsm camera quali
ty, fastest in speed,Very happy with my productREAD MORE',
 'That was quick delivery by FLIPKART.Box is so compact and light weight, for a
moment I had doubt whether box has Mobile or not. Product Red iPhone 13 is actu
ally RED this time. Feels comfortable when you hold in hand. Feels light and mo
re like big brother of iPhone 5s.Selfie camera is great and battery seems bette
r than iphone 12READ MORE',
 'Got it in 2 days.so happy with the phone.starlight white is classy n suberb.
That premium look is exquisite.Flawless ui... better battery backup.I am satisf
ied with the purchase.There is no phone like an iPhone :)READ MORE',
 "It's just mind-blowing I have switched from Android to iOS it feels fantast
ic. The alluring effect and the fascinated color it's top notch. I was hesita
ting to buy online but one can completely rely on. Special thanks to ekart and
flipkart to deliver only in 2days delivery is quick and trustworthy.READ MOR
E",
 'Just shifted from Android to iOS .. The new iphone 13 is a great phone with a
lot of improvements. It has the best camera on the market..it works good in low
light, the software is much improved, and the battery life is long lasting.READ
MORE']

In [28]:
```python
import pandas as pd
```

In [29]:
```python
df=pd.DataFrame()
df["Customer_Name"]=customer_name
df["Comment"]=customer_comments
df["Review"]=customer_reviews
df["Stars"]=customer_stars
df
```

Out[29]:

	Customer_Name	Comment	Review	Stars
0	Mahim Chauhan	Brilliant	I switch to ios from android after 10 years so...	5
1	Vaibhav Raj	Fabulous!	Amazing beast....As expected , didn't disappoi...	5
2	Flipkart Customer	Perfect product!	Awesome camera Amazing battery life Super xdr ...	5
3	Vishal Dubey	Must buy!	Just upgraded from 11 to iPhone 13 ..cinematic...	5
4	Pabitra Biswas	Worth every penny	Day 2 Review: Display shows great color. Perfo...	5
5	Satwinder Singh	Brilliant	Very impressed with this order.. i phone 13 be...	5
6	Nithesh Nayak	Must buy!	That was quick delivery by FLIPKART.Box is so ...	5
7	Jithu Gopal	Just wow!	Got it in 2 days.so happy with the phone.starl...	5
8	ritu mishra	Terrific purchase	It's just mind-blowing I have switched from ...	5
9	Amit Kumar	Awesome	Just shifted from Android to iOS .. The new ip...	5

In [ ]: