In [1]:

```
import requests
from bs4 import BeautifulSoup
```

In [2]:

```
HEADERS = ({'User-Agent':
            'Mozilla/5.0 (Windows NT 10.0; Win64; x64) \
            AppleWebKit/537.36 (KHTML, like Gecko) \
            Chrome/90.0.4430.212 Safari/537.36',
            'Accept-Language': 'en-US, en;q=0.5'})
URL= "https://www.amazon.in/MuscleBlaze-Omega-Fish-Oil-1000/dp/B07CNV8XM7/?_encoding=UTF8&p
```

In [3]:

```
page=requests.get(URL,headers=HEADERS)
```

In [4]:

```
soup=BeautifulSoup(page.content,'html.parser')
title=soup.find(id="productTitle").getText()
print(title)
```

```
        MuscleBlaze Omega 3 Fish Oil 1000 mg, India's Only Labdoor USA Cer
tified for Purity & Accuracy with 180 mg EPA and 120 mg DHA, 90 Capsules
```

In [5]:

```
reviews=[]
for review in soup.find_all("div", class_="a-expander-content reviewText review-text-conten
    reviews.append(review.getText())
```

In [6]:

```
reviews
```

Out[6]:

```
["\n\n  I like this product. Infact love this. i had knee problem one year b
ack. So, i always afraid of doing exercise related to knee. Even i could not
walk properly due to this problem. Finally i got this product. I am using th
is product and result is i walk normally. It feels that i am fine now. I am
so happy. I know now i'll fully recover as results show.Thanks Amazon and th
anks MuscleBlaze.\n\n",
 '\n\n  It is a very good product if someone cares a little about health . W
e dont get all this enough from our food sources . Omega 3 and other oils in
it is needed for stronger heart and brain . I feel better after using this a
s smoke a lot . You need to drink plenty of water and fibre rich food after
taking these as it nay get your stomach upset and sometimes problem in bowel
movement.Thanks\n\n',
 '\n\n  Packaging is good and authentic product but it has ( EPA & DHA ) con
tain is less than daily recommendation in one soft capsule so to full fill r
ecommendations we need to consume 2 or 3 capsule a day\n\n',
 '\n\n  This is the 2nd time I have ordered these capsules.The product is ge
nuine as guaranteed by Muscleblaze.And as all of us know the benefits of ome
ga3 fatty acids in our daily life and for our heart and brain.Going to buy a
nother pack soon.Buy the capsules only of good brands.\n\n',
 '\n\n  Fish oils are one of the most commonly used dietary supplements. Fis
h oil use may reduce vascular risk factors associated with cognitive declin
e, thus providing benefits to both heart and brain health. They are easy to
take and healthy for heart , brain and joint function. MUSCLE BLAZE  supplem
ents are good . Easy to swallow, the flavour is also good and it comes in af
fordable price also so everyone can buy it.\n\n',
 "\n\n  I received the product but it's unable for human use, some of capsul
es damaged and Inside the box the capsules are rotting on top of each other,
and the content is completely unfit for human consumption. I want help to re
ach the seller to replace the product. Or I need someone's help to file a co
mplaint in this regard.Unpleasant smell from inside the package, the absorbe
nt of moisture as shown in the pictures saturated with rotten oil\n\n",
 "\n\n  I hve been using this for the past 8 months now, it's my 3rd bottle.
It's really easy to swallow.  Helps in the proper Joint function, supports h
eart and brain as well as skin and hair upto some extend.\n\n",
 '\n\n  Good supplement\n\n']
```

In [7]:

```
from vaderSentiment.vaderSentiment import SentimentIntensityAnalyzer
import nltk
```

```
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\f
eature_extraction\image.py:167: DeprecationWarning: `np.int` is a deprecated
alias for the builtin `int`. To silence this warning, use `int` by itself. D
oing this will not modify any behavior and is safe. When replacing `np.int`,
you may wish to use e.g. `np.int64` or `np.int32` to specify the precision.
If you wish to review your current use, check the release note link for addi
tional information.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  dtype=np.int):
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:30: DeprecationWarning: `np.float` is a deprecate
d alias for the builtin `float`. To silence this warning, use `float` by its
elf. Doing this will not modify any behavior and is safe. If you specificall
y wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  method='lar', copy_X=True, eps=np.finfo(np.float).eps,
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:167: DeprecationWarning: `np.float` is a deprecat
ed alias for the builtin `float`. To silence this warning, use `float` by it
self. Doing this will not modify any behavior and is safe. If you specifical
ly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  method='lar', copy_X=True, eps=np.finfo(np.float).eps,
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:284: DeprecationWarning: `np.float` is a deprecat
ed alias for the builtin `float`. To silence this warning, use `float` by it
self. Doing this will not modify any behavior and is safe. If you specifical
ly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  eps=np.finfo(np.float).eps, copy_Gram=True, verbose=0,
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:862: DeprecationWarning: `np.float` is a deprecat
ed alias for the builtin `float`. To silence this warning, use `float` by it
self. Doing this will not modify any behavior and is safe. If you specifical
ly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  eps=np.finfo(np.float).eps, copy_X=True, fit_path=True,
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:1101: DeprecationWarning: `np.float` is a depreca
ted alias for the builtin `float`. To silence this warning, use `float` by i
tself. Doing this will not modify any behavior and is safe. If you specifica
lly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  eps=np.finfo(np.float).eps, copy_X=True, fit_path=True,
```

```
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:1127: DeprecationWarning: `np.float` is a depreca
ted alias for the builtin `float`. To silence this warning, use `float` by i
tself. Doing this will not modify any behavior and is safe. If you specifica
lly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  eps=np.finfo(np.float).eps, positive=False):
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:1362: DeprecationWarning: `np.float` is a depreca
ted alias for the builtin `float`. To silence this warning, use `float` by i
tself. Doing this will not modify any behavior and is safe. If you specifica
lly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  max_n_alphas=1000, n_jobs=None, eps=np.finfo(np.float).eps,
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:1602: DeprecationWarning: `np.float` is a depreca
ted alias for the builtin `float`. To silence this warning, use `float` by i
tself. Doing this will not modify any behavior and is safe. If you specifica
lly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  max_n_alphas=1000, n_jobs=None, eps=np.finfo(np.float).eps,
C:\Users\Light\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\l
inear_model\least_angle.py:1738: DeprecationWarning: `np.float` is a depreca
ted alias for the builtin `float`. To silence this warning, use `float` by i
tself. Doing this will not modify any behavior and is safe. If you specifica
lly wanted the numpy scalar type, use `np.float64` here.
Deprecated in NumPy 1.20; for more details and guidance: https://numpy.org/d
evdocs/release/1.20.0-notes.html#deprecations (https://numpy.org/devdocs/rel
ease/1.20.0-notes.html#deprecations)
  eps=np.finfo(np.float).eps, copy_X=True, positive=False):
```

In [8]:

```
analyser= SentimentIntensityAnalyzer()

def getSent(num):
    if(num<=-0.05):
        print("Negative")
    elif(num>=0.05):
        print("Positive")
    else:
        print("Neutral")

for review in reviews:
    score=analyser.polarity_scores(review)
    print("Review for:","\""+review.strip()[0:14]+"\"",end=" ")
    getSent(score['compound'])
```

```
Review for: "I like this pr" Positive
Review for: "It is a very g" Positive
Review for: "Packaging is g" Positive
Review for: "This is the 2n" Positive
Review for: "Fish oils are " Positive
Review for: "I received the" Negative
Review for: "I hve been usi" Positive
Review for: "Good supplemen" Positive
```