In [4]:
```
1  !pip install feedparser
2
3
```

Requirement already satisfied: feedparser in c:\users\rikun\anaconda3\lib
\site-packages (6.0.11)
Requirement already satisfied: sgmllib3k in c:\users\rikun\anaconda3\lib\s
ite-packages (from feedparser) (1.0.0)

In [4]:

```python
import feedparser

def fetch_rss_data(url):
    feed = feedparser.parse(url)
    print("Feed Title:", feed.feed.title)
    for entry in feed.entries:
        print("Entry Title:", entry.title)
        print("Entry Link:", entry.link)

        # Check if 'published' exists before printing
        if 'published' in entry:
            print("Entry Published Date:", entry.published)

        # Check if 'summary' exists before printing
        if 'summary' in entry:
            print("Entry Summary:", entry.summary)

        print("\n")

rss_feed_urls = [
    "http://rss.cnn.com/rss/cnn_topstories.rss",
    "http://qz.com/feed",
    "http://feeds.foxnews.com/foxnews/politics",
    "http://feeds.reuters.com/reuters/businessNews",
    "http://feeds.feedburner.com/NewshourWorld",
    "https://feeds.bbci.co.uk/news/world/asia/india/rss.xml"
]

for url in rss_feed_urls:
    fetch_rss_data(url)

# Using feedparser correctly
f1 = feedparser.parse('Terrorism OR protest OR political unrest OR riot
for entry in f1.entries:
    print(entry.title)
    print(entry.link)
    print(entry.summary)

f2 = feedparser.parse('positive OR uplifting')
for entry in f2.entries:
    print(entry.title)
    print(entry.link)
    print(entry.summary)

f3 = feedparser.parse('Natural Disaster')
for entry in f3.entries:
    print(entry.title)
    print(entry.link)
    print(entry.summary)

f4 = feedparser.parse('others')
for entry in f4.entries:
    print(entry.title)
    print(entry.link)
    print(entry.summary)
```

Feed Title: CNN.com - RSS Channel - HP Hero
Entry Title: Some on-air claims about Dominion Voting Systems were fals
e, Fox News acknowledges in statement after deal is announced
Entry Link: https://www.cnn.com/business/live-news/fox-news-dominion-tri
al-04-18-23/index.html (https://www.cnn.com/business/live-news/fox-news-
dominion-trial-04-18-23/index.html)
Entry Published Date: Wed, 19 Apr 2023 12:44:51 GMT

Entry Title: Dominion still has pending lawsuits against election denier
s such as Rudy Giuliani and Sidney Powell
Entry Link: https://www.cnn.com/business/live-news/fox-news-dominion-tri
al-04-18-23/h_8d51e3ae2714edaa0dace837305d03b8 (https://www.cnn.com/busi
ness/live-news/fox-news-dominion-trial-04-18-23/h_8d51e3ae2714edaa0dace8
37305d03b8)

Entry Title: Here are the 20 specific Fox broadcasts and tweets Dominion
says were defamatory

In [ ]:   1