In [2]:
```python
!pip install bs4
!pip install requests
```

Requirement already satisfied: bs4 in c:\users\user\anaconda3\lib\site-packag
es (0.0.1)
Requirement already satisfied: beautifulsoup4 in c:\users\user\anaconda3\lib
\site-packages (from bs4) (4.12.2)
Requirement already satisfied: soupsieve>1.2 in c:\users\user\anaconda3\lib\s
ite-packages (from beautifulsoup4->bs4) (2.4)
Requirement already satisfied: requests in c:\users\user\anaconda3\lib\site-p
ackages (2.31.0)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\user\anac
onda3\lib\site-packages (from requests) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\user\anaconda3\lib\si
te-packages (from requests) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\user\anaconda3
\lib\site-packages (from requests) (1.26.16)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\user\anaconda3
\lib\site-packages (from requests) (2023.7.22)

In [3]:
```python
from bs4 import BeautifulSoup
import requests
```

In [5]:
```python
page = requests.get('https://en.wikipedia.org/wiki/Main_Page')
page
```

Out[5]: <Response [200]>

In [6]:
```python
soup = BeautifulSoup(page.content)
soup
```

e,"wgCentralAuthMobileDomain":false,"wgULSPosition":"interlanguage","wgULS
isCompactLinksEnabled":true,"wgULSisLanguageSelectorEmpty":false,"wgWikiba
seItemId":"Q5296","wgCheckUserClientHintsHeadersJsApi":["architecture","bi
tness","brands","fullVersionList","mobile","model","platform","platformVer
sion"],"GEHomepageSuggestedEditsEnableTopics":true,"wgGETopicsMatchModeEna
bled":false,"wgGEStructuredTaskRejectionReasonTextInputEnabled":false,"wgG
ELevelingUpEnabledForUser":false};RLSTATE={"skins.vector.user.styles":"rea
dy","ext.globalCssJs.user.styles":"ready","site.styles":"ready","user.styl
es":"ready","skins.vector.user":"ready","ext.globalCssJs.user":"ready","us
er":"ready","user.options":"loading","codex-search-styles":"ready","skins.
vector.styles":"ready",
"skins.vector.icons":"ready","ext.visualEditor.desktopArticleTarget.noscri
pt":"ready","ext.wikimediaBadges":"ready","ext.uls.interlanguage":"read
y"};RLPAGEMODULES=["site","mediawiki.page.ready","skins.vector.js","ext.vi
sualEditor.desktopArticleTarget.init","ext.visualEditor.targetLoader","ex
t.eventLogging","ext.wikimediaEvents","ext.navigationTiming","ext.cx.event
logging.campaigns","ext.centralNotice.geoIP","ext.centralNotice.startU
p","ext.gadget.ReferenceTooltips","ext.gadget.charinsert","ext.gadget.extr
a-toolbar-buttons","ext.gadget.switcher","ext.centralauth.centralautologi
n","mmv.head","mmv.bootstrap.autostart","ext.popups","ext.echo.centralaut

In [13]:
```python
first_titles = soup.find('span',class_="mw-headline")
first_titles
```

Out[13]: `<span class="mw-headline" id="Welcome_to_Wikipedia">Welcome to <a href="/wik i/Wikipedia" title="Wikipedia">Wikipedia</a></span>`

In [14]:
```python
first_titles.text
```

Out[14]: `'Welcome to Wikipedia'`

In [16]:
```python
titles =[]
for i in soup.find_all('span',class_="mw-headline"):
    titles.append(i.text)

titles
```

Out[16]:
```
['Welcome to Wikipedia',
 "From today's featured article",
 'Did you know\xa0...',
 'In the news',
 'On this day',
 "Today's featured picture",
 'Other areas of Wikipedia',
 "Wikipedia's sister projects",
 'Wikipedia languages']
```

In [17]:
```python
print(len (titles))
```

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In [19]:
```python
import pandas as pd
df = pd.DataFrame({'Titels':titles})
df
```

Out[19]:

	Titels
0	Welcome to Wikipedia
1	From today's featured article
2	Did you know ...
3	In the news
4	On this day
5	Today's featured picture
6	Other areas of Wikipedia
7	Wikipedia's sister projects
8	Wikipedia languages