

```
In [1]: !pip install bs4
!pip install requests
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Collecting bs4
  Downloading bs4-0.0.1.tar.gz (1.1 kB)
Requirement already satisfied: beautifulsoup4 in c:\users\rakesh lodem\anaconda3\lib\site-packages (from bs4) (4.9.3)
Requirement already satisfied: soupsieve>1.2 in c:\users\rakesh lodem\anaconda3\lib\site-packages (from beautifulsoup4->bs4) (2.2.1)
Building wheels for collected packages: bs4
  Building wheel for bs4 (setup.py): started
    Building wheel for bs4 (setup.py): finished with status 'done'
  Created wheel for bs4: filename=bs4-0.0.1-py3-none-any.whl size=1273 sha256=001efbd81a70db4723b5cd388210bfba8917050afcbcf472e566fe35933f47a1
  Stored in directory: c:\users\rakesh lodem\appdata\local\pip\cache\wheels\75\78\21\68b124549c9bdc94f822c02fb9aa3578a669843f9767776bca
Successfully built bs4
Installing collected packages: bs4
Successfully installed bs4-0.0.1
Requirement already satisfied: requests in c:\users\rakesh lodem\anaconda3\lib\site-packages (2.25.1)
Requirement already satisfied: chardet<5,>=3.0.2 in c:\users\rakesh lodem\anaconda3\lib\site-packages (from requests) (4.0.0)
Requirement already satisfied: idna<3,>=2.5 in c:\users\rakesh lodem\anaconda3\lib\site-packages (from requests) (2.10)
Requirement already satisfied: certifi<=2017.4.17 in c:\users\rakesh lodem\anaconda3\lib\site-packages (from requests) (2020.12.5)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\rakesh lodem\anaconda3\lib\site-packages (from requests) (1.26.4)
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In [2]: from urllib.request import urlopen
from bs4 import BeautifulSoup
html = urlopen('https://en.wikipedia.org/wiki/Main_Page')
bs = BeautifulSoup(html, "html.parser")
titles = bs.find_all(['h1', 'h2', 'h3', 'h4', 'h5', 'h6'])
print('List all the header tags :', *titles, sep='\n\n')
```

List all the header tags :

```
<h1 class="firstHeading mw-first-heading" id="firstHeading" style="display: none">Main Page</h1>

<h1><span class="mw-headline" id="Welcome_to_Wikipedia">Welcome to <a href="/wiki/Wikipedia" title="Wikipedia">Wikipedia</a></span></h1>

<h2 class="mp-h2" id="mp-tfa-h2"><span id="From_today.27s_featured_article"></span><span class="mw-headline" id="From_today's_featured_article">From today's featured article</span></h2>

<h2 class="mp-h2" id="mp-dyk-h2"><span class="mw-headline" id="Did_you_know_...">Did you know ...</span></h2>

<h2 class="mp-h2" id="mp-itn-h2"><span class="mw-headline" id="In_the_news">In the news</span></h2>

<h2 class="mp-h2" id="mp-otd-h2"><span class="mw-headline" id="On_this_day">On this day</span></h2>

<h2 class="mp-h2" id="mp-tfp-h2"><span id="Today.27s_featured_picture"></span><span class="mw-headline" id="Today's_featured_picture">Today's featured picture</span></h2>

<h2 class="mp-h2" id="mp-other"><span class="mw-headline" id="Other_areas_of_Wikipedia">Other areas of Wikipedia</span></h2>

<h2 class="mp-h2" id="mp-sister"><span id="Wikipedia.27s_sister_projects"></span><span class="mw-headline" id="Wikipedia's_sister_projects">Wikipedia's sister projects</span></h2>

<h2 class="mp-h2" id="mp-lang"><span class="mw-headline" id="Wikipedia_languages">Wikipedia languages</span></h2>

<h2>Navigation menu</h2>

<h3>
<label for="searchInput">Search</label>
</h3>
```

In []: