```
import requests
from bs4 import BeautifulSoup
import pandas as pd
import re
```

```
url='https://40hadithnawawi.com/'
url
```

```
    'https://40hadithnawawi.com/'
```

```
response=requests.get(url)
response
```

```
    <Response [200]>
```

```
html_code=BeautifulSoup(response.content,'html.parser')
html_code
```

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```
collaborating with other organizations, MAS has expanded its reach into thousands of
communities across the United States.\n\nVisit [MuslimAmericanSociety.org]
(https://MuslimAmericanSociety.org) for more information",slug:"the-
project"}]},serverRendered:!0}}("Commentary coming soon.","2019-10-08T04:50:36.314Z","2019-10-
08T15:08:34.141Z")</script><script defer="" src="/_nuxt/2c43424c593c90b88b0a.js"></script>
<script defer="" src="/_nuxt/f7cdb22368c6e7ab5af5.js"></script><script defer=""
src="/_nuxt/523b26c28d438aeb2917.js"></script><script defer=""
src="/_nuxt/181502d9711ef5a0d35c.js"></script><script defer=""
src="/_nuxt/519d9f3f78a1fd6ca789.js"></script>
</body>
</html>
```

▾ TITLE OF .csv File

```
title=html_code.find('title')
TITLE=title.text.strip('40HadithNawawi.com -')#TITLE will be the name of final file we will create.
```

▾ Finding 42 Hadith Numbers:

```
hadith_numbers=html_code.find_all('div',class_='w-1/4 group-hover:bg-red-900 h-12 pl-3')
hadith_numbers
hadith_numbers_list=[]
```

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```
    ['Hadith 1',
     'Hadith 2',
     'Hadith 3',
     'Hadith 4',
     'Hadith 5',
     'Hadith 6',
     'Hadith 7',
     'Hadith 8',
     'Hadith 9',
     'Hadith 10',
     'Hadith 11',
     'Hadith 12',
     'Hadith 13',
     'Hadith 14',
     'Hadith 15',
     'Hadith 16',
     'Hadith 17',
     'Hadith 18',
     'Hadith 19',
     'Hadith 20',
     'Hadith 21',
     'Hadith 22',
     'Hadith 23',
     'Hadith 24',
     'Hadith 25',
     'Hadith 26',
     'Hadith 27',
     'Hadith 28',
     'Htadith 29',
     'Hadith 30',
     'Hadith 31',
     'Hadith 32',
     'Hadith 33',
     'Hadith 34',
```

```
                    'Hadith 35',
                    'Hadith 36',
                    'Hadith 37',
                    'Hadith 38',
                    'Hadith 39',
                    'Hadith 40',
                    'Hadith 41',
                    'Hadith 42']
```

▸ Finding the 42 Hadith titles:

```
hadith_title_list=[]
hadith_titles=html_code.find_all('div',class_='w-3/4 group-hover:bg-red-900 h-auto pl-3')
for titles in hadith_titles:
  hadith_title_list.append(titles.text)
hadith_title_list
```

```
     ['Actions are by intentions',
      'Islam, Iman, Ihsan',
      'Islam is Built Upon Five',
      'Deeds are by Their Final Actions',
      'Rejection of Evil Deeds and Innovations',
      'Protecting the Heart',
      'The Religion is Naseehah (Sincere Advice)',
      'The Sanctity of a Muslim',
      'Obligations are According to Ability',
```

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```
      'Love for Your Brother What You Love for Yourself',
      'Prohibition of Blood of a Muslim',
      'Islamic Manners',
      'The Forbiddance of Anger',
      'Prescription of Ihsan (Perfection)',
      'Follow Up a Bad Deed with a Good Deed',
      'Be Mindful of Allah and Allah will Protect You',
      'Modesty is from Faith',
      "Say 'I believe in Allah' and then be Steadfast",
      'Entering Paradise',
      'Hastening to Do Good',
      'The Forbiddance of Oppression',
      'The Value of Charity',
      'What is Sadaqa?',
      'Righteousness is in Good Character',
      'The Obligation of Following the Sunnah',
      'Means of Goodness',
      'Do Not Neglect the Religious Obligations',
      'The Reality of Zuhd (Asceticism)',
      'No Harming nor Reciprocating Harm',
      'The Onus of Proof is on the Claimant and The Taking of an Oath is on the Denier',
      'Forbidding Evil with the Hands, Speech, and Heart',
      'Brotherhood in Islam',
      'The Virtue of Gathering for the Remembrance of Allah',
      'The Grace of Allah and His Mercy',
      'Attaining Nearness to Allah and His Love',
      'Leniency for the One who Errs, the One who Forgets, and the One who is Forced',
      'Be in This World As a Traveler',
      'The World is the Means for Attaining the Hereafter',
      'The Expanse of the Forgiveness of Allah']
```

▸ Finding And Storing The Narrators:

generating Hadith Pages html Links:

```python
base_url = 'https://40hadithnawawi.com/hadith/'
hadith_links = []
responses=[]
for hadith_number in range(1, 43):
    hadith_url = f'{base_url}{hadith_number}-{hadith_title_list[hadith_number - 1].lower().replace(" ",
    hadith_links.append(hadith_url)
hadith_links
```

['https://40hadithnawawi.com/hadith/1-actions-are-by-intentions',
 'https://40hadithnawawi.com/hadith/2-islam,-iman,-ihsan',
 'https://40hadithnawawi.com/hadith/3-islam-is-built-upon-five',
 'https://40hadithnawawi.com/hadith/4-deeds-are-by-their-final-actions',
 'https://40hadithnawawi.com/hadith/5-rejection-of-evil-deeds-and-innovations',
 'https://40hadithnawawi.com/hadith/6-protecting-the-heart',
 'https://40hadithnawawi.com/hadith/7-the-religion-is-naseehah-(sincere-advice)',
 'https://40hadithnawawi.com/hadith/8-the-sanctity-of-a-muslim',
 'https://40hadithnawawi.com/hadith/9-obligations-are-according-to-ability',
 'https://40hadithnawawi.com/hadith/10-restricting-oneself-to-the-permissible',
 'https://40hadithnawawi.com/hadith/11-being-cautious-of-the-doubtful',
 'https://40hadithnawawi.com/hadith/12-leaving-that-which-does-not-concern-you',
 'https://40hadithnawawi.com/hadith/13-love-for-your-brother-what-you-love-for-yourself',
 'https://40hadithnawawi.com/hadith/14-prohibition-of-blood-of-a-muslim',
 'https://40hadithnawawi.com/hadith/15-islamic-manners',
 'https://40hadithnawawi.com/hadith/16-the-forbiddance-of-anger',

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 'https://40hadithnawawi.com/hadith/20-modesty-is-from-faith',
 "https://40hadithnawawi.com/hadith/21-say-'i-believe-in-allah'-and-then-be-steadfast",
 'https://40hadithnawawi.com/hadith/22-entering-paradise',
 'https://40hadithnawawi.com/hadith/23-hastening-to-do-good',
 'https://40hadithnawawi.com/hadith/24-the-forbiddance-of-oppression',
 'https://40hadithnawawi.com/hadith/25-the-value-of-charity',
 'https://40hadithnawawi.com/hadith/26-what-is-sadaqa?',
 'https://40hadithnawawi.com/hadith/27-righteousness-is-in-good-character',
 'https://40hadithnawawi.com/hadith/28-the-obligation-of-following-the-sunnah',
 'https://40hadithnawawi.com/hadith/29-means-of-goodness',
 'https://40hadithnawawi.com/hadith/30-do-not-neglect-the-religious-obligations',
 'https://40hadithnawawi.com/hadith/31-the-reality-of-zuhd-(asceticism)',
 'https://40hadithnawawi.com/hadith/32-no-harming-nor-reciprocating-harm',
 'https://40hadithnawawi.com/hadith/33-the-onus-of-proof-is-on-the-claimant-and-the-taking-of-an-oath-is-on-the-denier',
 'https://40hadithnawawi.com/hadith/34-forbidding-evil-with-the-hands,-speech,-and-heart',
 'https://40hadithnawawi.com/hadith/35-brotherhood-in-islam',
 'https://40hadithnawawi.com/hadith/36-the-virtue-of-gathering-for-the-remembrance-of-allah',
 'https://40hadithnawawi.com/hadith/37-the-grace-of-allah-and-his-mercy',
 'https://40hadithnawawi.com/hadith/38-attaining-nearness-to-allah-and-his-love',
 'https://40hadithnawawi.com/hadith/39-leniency-for-the-one-who-errs,-the-one-who-forgets,-and-the-one-who-is-forced',
 'https://40hadithnawawi.com/hadith/40-be-in-this-world-as-a-traveler',
 'https://40hadithnawawi.com/hadith/41-the-world-is-the-means-for-attaining-the-hereafter',
 'https://40hadithnawawi.com/hadith/42-the-expanse-of-the-forgiveness-of-allah']

Storing Resquests Responses:

```python
for i in hadith_links:
  response=requests.get(i)#requestinga all 42 hadith links and store it in responses(list)
  responses.append(response)
```

Now Storing Html_codes of these pages in list:

```
html_codes_of_hadith_pages=[]
for i in responses:
    html_code=BeautifulSoup(i.content,'html.parser')
    html_codes_of_hadith_pages.append(html_code)
```

Extracting Hadith In English:

```
data = {'Hadith_Numbers': hadith_numbers_list,'Hadith_Titles': hadith_title_list}
column_one = pd.DataFrame(data)
column_one.to_csv(f'{TITLE}.csv')
```

```
import pandas as pd
import re
hadith_in_english = []
hadith_in_arabic = []
pattern = r'\[([^\]]+)\]'
book_names = []
for i in range(0, 41):
    a = html_codes_of_hadith_pages[i].find_all('div', class_='w-full md:mr-3 md:w-1/2 content-block')
    arabic = html_codes_of_hadith_pages[i].find_all('div', class_='w-full text-xl text-right md:w-1/2 co
    for english_text, arabic_text in zip(a, arabic):
```

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diff

```
        book_names.append(book_name)
hadith_in_english_df = pd.DataFrame(hadith_in_english, columns=["Hadith_In_English"])
hadith_in_arabic_df = pd.DataFrame(hadith_in_arabic, columns=["Hadith_In_Arabic"])
result_df = pd.concat([hadith_in_english_df, hadith_in_arabic_df], axis=1)
result_df.to_csv("Hadiths_Data.csv")
```

```
file=pd.read_csv("/content/The Forty 40 Hadith of Imam al.csv")
file.drop_duplicates()
```

	Unnamed: 0	Hadith_Numbers	Hadith_Titles
0	0	Hadith 1	Actions are by intentions
1	1	Hadith 2	Islam, Iman, Ihsan
2	2	Hadith 3	Islam is Built Upon Five
3	3	Hadith 4	Deeds are by Their Final Actions
4	4	Hadith 5	Rejection of Evil Deeds and Innovations
5	5	Hadith 6	Protecting the Heart
6	6	Hadith 7	The Religion is Naseehah (Sincere Advice)
7	7	Hadith 8	The Sanctity of a Muslim
8	8	Hadith 9	Obligations are According to Ability
9	9	Hadith 10	Restricting Oneself to the Permissible
10	10	Hadith 11	Being Cautious of the Doubtful
11	11	Hadith 12	Leaving that Which Does Not Concern You
12	12	Hadith 13	Love for Your Brother What You Love for Yourself
13	13	Hadith 14	Prohibition of Blood of a Muslim
14	14	Hadith 15	Islamic Manners
15	15	Hadith 16	The Forbiddance of Anger
			(on)
17	17	Hadith 18	Follow Up a Bad Deed with a Good Deed
18	18	Hadith 19	Be Mindful of Allah and Allah will Protect You
19	19	Hadith 20	Modesty is from Faith
20	20	Hadith 21	Say 'I believe in Allah' and then be Steadfast
21	21	Hadith 22	Entering Paradise
22	22	Hadith 23	Hastening to Do Good
23	23	Hadith 24	The Forbiddance of Oppression
24	24	Hadith 25	The Value of Charity
25	25	Hadith 26	What is Sadaqa?
26	26	Hadith 27	Righteousness is in Good Character
27	27	Hadith 28	The Obligation of Following the Sunnah
28	28	Hadith 29	Means of Goodness
29	29	Hadith 30	Do Not Neglect the Religious Obligations
30	30	Hadith 31	The Reality of Zuhd (Asceticism)
31	31	Hadith 32	No Harming nor Reciprocating Harm
32	32	Hadith 33	The Onus of Proof is on the Claimant and The T...
33	33	Hadith 34	Forbidding Evil with the Hands, Speech, and Heart
34	34	Hadith 35	Brotherhood in Islam
35	35	Hadith 36	The Virtue of Gathering for the Remembrance of...
36	36	Hadith 37	The Grace of Allah and His Mercy

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