**Криптография с открытым ключом: ключи RSA**

https://habr.com/ru/articles/767750/

**create class ParagraphSpider for article content**

**then parse article and find all paragraph titles**

**then get content belong to each title**

from urllib.request import urlopen

from bs4 import BeautifulSoup

class ParagraphSpider:

    def \_\_init\_\_(self, title, content):

        self.title = title

        self.content = content

    def to\_dict(self):

        return {

            'title': self.title,

            'content': self.content,

        }

article=[] #article titles

html = urlopen('https://habr.com/ru/articles/767750/')

bs = BeautifulSoup(html,"html.parser")

nameList = bs.findAll('h2')

# for i in range(10) # for (let i=0; i < 10; i++){}

for name in nameList:

  #print(name.get\_text())

  content=''

  for s in name.find\_next\_siblings():

        if s.name == 'p':

            #print(s.get\_text(strip=True))

            content +=s.get\_text(strip=True)

        else:

            #print('-----------------')

            article.append(ParagraphSpider(name.get\_text(),content))

            break

**print content list**

for s in article:

  print('-->',s.title)

  print(s.content)

**function to Save on csv file**

import pandas as pd

def output(csv\_name,article):

  df = pd.DataFrame.from\_records([s.to\_dict() for s in article])

#  for s in article:

#      df['title'] = s.title

#      df['content'] = s.content

#      print('-->',s.title)

#      print(s.content)

  df.to\_csv(csv\_name, encoding='utf\_8\_sig')  # save to csv

execute the function to save on csv

output(csv\_name="Result.csv",article=article)

file content

