## Install newspaper3k

```
Text_Summary.py 2
                                                                                                                                                                                 ▷ ~ □ …
 Text_Summary.py > ...
            #pip install newspaper3k
    3
            from newspaper import Article
           url = 'https://www.sciencedaily.com/releases/2021/08/210811162816.htm'
                                                                                                                                                     PROBLEMS (2) OUTPUT DEBUG CONSOLE
                                                          TERMINAL
PS C:\ISSR\Master2022_2023\Sim2_New_20230412\Sim2\Information System\AssignmentList\Lect7_8_LDA>
Requirement already satisfied: lxml>=3.6.0 in c:\python311\lib\site-packages (from newspaper3k)
Collecting nltk>=3.2.1 (from newspaper3k)
Downloading nltk-3.8.1-py3-none-any.whl (1.5 MB)
                                                                               ..5 MB 1.6 MB/s eta 0:00:00
 Requirement already satisfied: requests>=2.10.0 in c:\python311\lib\site-packages (from newspaper3k) (2.28.2)
 Collecting feedparser>=5.2.1 (from newspaper3k)
Downloading feedparser-6.0.10-py3-none-any.whl (81 kB)
                                                                             1/81.1 kB 753.9 kB/s eta 0:00:00
 Collecting tldextract>=2.0.1 (from newspaper3k)
Downloading tldextract-3.4.4-py3-none-any.whl (93 kB)
                                                                               /93.3 kB 5.5 MB/s eta 0:00:00
 Collecting feedfinder2>=0.0.4 (from newspaper3k)
Downloading feedfinder2-0.0.4.tar.gz (3.3 kB)
    Installing build dependencies ... done
Getting requirements to build wheel ... done
 Preparing metadata (pyproject.toml) ... done
Collecting jieba3k>=0.35.1 (from newspaper3k)
Downloading jieba3k-0.35.1.zip (7.4 MB)
                                                                     - 7.4/7.4 MB 2.7 MB/s eta 0:00:00
    Installing build dependencies ... done
    Getting requirements to build wheel ... done
 Preparing metadata (pyproject.toml) ... done
Requirement already satisfied: python-dateutil>=2.5.3 in c:\python311\lib\site-packages (fromt_newspape/3k) ((2v8.2)
Collecting tinysegmenter==0.3 (from newspaper3k)
Downloading tinysegmenter-0.3.tar.gz (16 kB)

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                                                                                                                                          Go to Settings to activate Windows.
Text_Summary.py 2
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 ♣ Text_Summary.py > .
           #pip install newspaper3k
           from newspaper import Article
           url = 'https://www.sciencedaily.com/releases/2021/08/210811162816.htm'
                                                                                                                                                     PROBLEMS (2) OUTPUT DEBUG CONSOLE
                                                          TERMINAL
 Requirement already satisfied: python-dateutil>=2.5.3 in c:\python311\lib\site-packages (from newspaper3k) (2.8.2)
 Collecting tinysegmenter==0.3 (from newspaper3k)
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Downloading tinysegmenter-0.3.tar.gz (16 kB)
Installing build dependencies ... done
Getting requirements to build wheel ... done
 Preparing metadata (pyproject.toml) ... done

Requirement already satisfied: soupsieve>1.2 in c:\python311\lib\site-packages (from beautifulsoup4>=4.4.1->newspaper3k) (2.4
 Requirement already satisfied: six in c:\python311\lib\site-packages (from feedfinder2>=0.0.4->newspaper3k) (1.16.0) Collecting sgmllib3k (from feedparser>=5.2.1->newspaper3k)

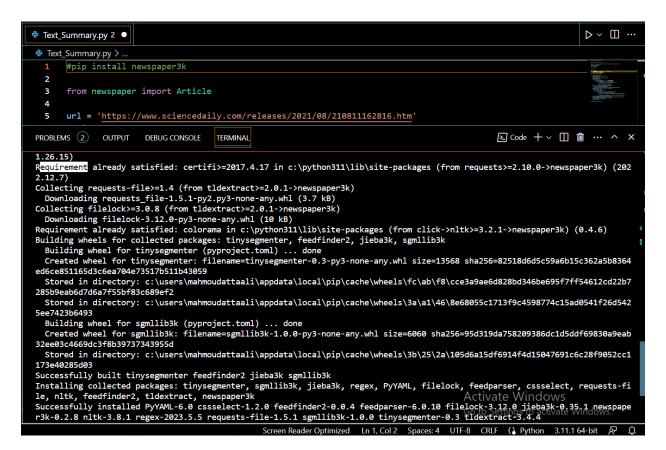
Downloading sgmllib3k-1.0.0.tar.gz (5.8 kB)

Installing build dependencies ... done

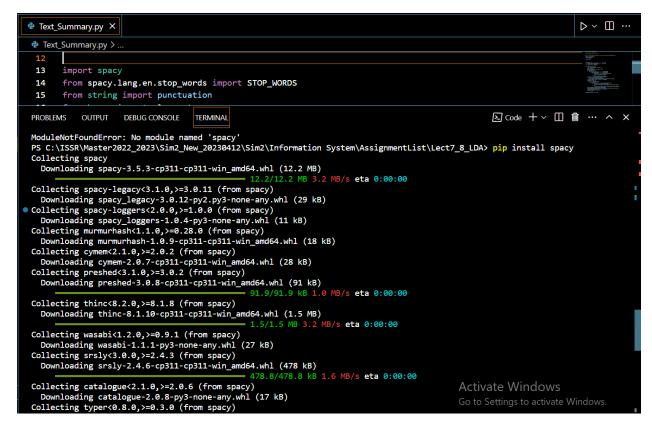
Getting requirements to build wheel ... done
     Preparing metadata (pyproject.toml) ... done
 Requirement already satisfied: click in c:\python311\lib\site-packages (from nltk>=3.2.1->newspaper3k) (8.1.3)
 Requirement already satisfied: joblib in c:\python311\lib\site-packages (from nltk>=3.2.1->newspaper3k) (1.2.0)
Collecting regex>=2021.8.3 (from nltk>=3.2.1->newspaper3k)
Downloading regex-2023.5.5-cp311-cp311-win_amd64.whl (267 kB)
 267.9/267.9 kB 785.6 kB/s eta 0:00:00

Requirement already satisfied: tqdm in c:\python311\lib\site-packages (from nltk>=3.2.1->newspaper3k) (4.65.0)

Requirement already satisfied: charset-normalizer<4,>=2 in c:\python311\lib\site-packages (from requests>=2.10.0->newspaper3k
  ) (3.1.0)
 Requirement already satisfied: idna<4,>=2.5 in c:\python311\lib\site-packages (from requests>=2.10.0->newspaper3k) (3.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\python311\lib\site-packages (from requests)=2.10.0->newspaper3k) (3.4)
 1.26.15)
 Requirement already satisfied: certifi>=2017.4.17 in c:\python311\lib\site-packages (from requests>=2.10.0-\newspaper3k) (202
                                                                          Screen Reader Optimized Ln 1, Col 2 Spaces: 4 UTF-8 CRLF {} Python 3.11.1 64-bit 尽
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## **Install Spacy**



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Text_Summary.py X
 Text_Summary.py >
  13
           import spacy
  14
           from spacy.lang.en.stop_words import STOP_WORDS
           from string import punctuation
                                                                                                                                                              PROBLEMS OUTPUT DEBUG CONSOLE
                                                       TERMINAL
    Downloading catalogue-2.0.8-py3-none-any.whl (17 kB)
Collecting typer<0.8.0,>=0.3.0 (from spacy)
Downloading typer-0.7.0-py3-none-any.whl (38 kB)
Collecting pathy>=0.10.0 (from spacy)
Downloading pathy-0.10.1-py3-none-any.whl (48 kB)
                                                                                     8.9 kB 1.2 MB/s eta 0:00:00
Requirement already satisfied: smart-open<7.0.0,>=5.2.1 in c:\python311\lib\site-packages (from spacy) (6.3.0)
Requirement already satisfied: tqdm<5.0.0,>=4.38.0 in c:\python311\lib\site-packages (from spacy) (4.65.0)
Requirement already satisfied: numpy>=1.15.0 in c:\python311\lib\site-packages (from spacy) (4.2.2)
Requirement already satisfied: requests<3.0.0,>=2.13.0 in c:\python311\lib\site-packages (from spacy) (2.28.2)
Collecting pydantic!=1.8,!=1.8.1,<1.11.0,>=1.7.4 (from spacy)
Downloading pydantic-1.10.8-cp311-cp311-win_amd64.whl (2.1 MB)
                                                                                                    1 kB/s eta 0:00:00
 Requirement already satisfied: jinja2 in c:\python311\lib\site-packages (from spacy) (3.1.2)
Requirement already satisfied: setuptools in c:\python311\lib\site-packages (from spacy) (65.5.0)
Requirement already satisfied: packaging>=20.0 in c:\python311\lib\site-packages (from spacy) (23.0)
 Collecting langcodes<4.0.0,>=3.2.0 (from spacy)
Downloading langcodes-3.3.0-py3-none-any.whl (181 kB)
                                                                                            6 kB 1.8 MB/s eta 0:00:00
 Requirement already satisfied: typing-extensions>=4.2.0 in c:\python311\lib\site-packages (from pydantic!=1.8,!=1.8.1,<1.11.0,>=1.7.4->spacy) (4.5.0)
 Requirement already satisfied: charset-normalizer<4,>=2 in c:\python311\lib\site-packages (from requests<3.0.0,>=2.13.0->spac
 y) (3.1.0)
 Requirement already satisfied: idna<4,>=2.5 in c:\python311\lib\site-packages (from requests<3.0.0,>=2.13.0->spacy) (3.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\python311\lib\site-packages (from requests<8.0.0)>=2.13.0->spacy)
 (1.26.15)
 Requirement already satisfied: certifi>=2017.4.17 in c:\python311\lib\site-packages (from requests3:0.0,)=2.13.0-\spacy) (20
                                                                            Screen Reader Optimized Ln 12, Col 1 Spaces: 4 UTF-8 CRLF () Python 3.11.1 64-bit 🔊 🚨
Text_Summary.py X
                                                                                                                                                                                            ▷ ∨ □ …
  Text_Summary.py > ...
            import spacy
   13
           from spacy.lang.en.stop_words import STOP_WORDS
   15
           from string import punctuation
            from heapq import nlargest
   16
```

