**Project Description – New York Times**

Since 1942 the New York Times regularly publishes a bestseller list. This list consists of fiction and non-fiction books which have reached number one at least once. The file displays all of the bestsellers with information regarding title, author, publisher, date it first reached number one and category (fiction or nonfiction). The high number of books can be overwhelming and causes confusion when searching for one. With the help of our program it has never been easier to find the book you are looking for.

The code first rearranges the list in order to recognize the individual string categories. On this basis you are given a menu of options for searching a book. You can choose between the categories: year range, a specific month/year, an author or a title. Simply select the one you prefer and the start with the search. The programm will provide you immediately with a list of books based on your entries. But what if you don’t know what book you are looking for? Or you just need inspiration or alternation? Then our additional feature, specially created for non-decisive people, is perfect for you. Just choose the option “give me a random title” and let us surprise you. You can’t wait to test this? Download the file “bestsellers2.txt” and open the python file in order to get started. The python code can be download as .ipnyb. and .py file.