

grep - Assignment

The purpose of this assignment is to make you deep dive into practical aspects of using the **grep** command. Within the folder that contains this document, you will find a file called **cities.txt**, which contains over 500 different cities.

**Problems**

Provide a grep command (or concatenation of commands if needed) for the following queries (capitalization of letters matter):

1. List the cities that start with the letter “Z”
   * **Output**: Zaoshi, Zhukeng, Zhongxi, Zwettl, Zaragoza, Zheshart, Zhuji, Zadvorsko, Zhoujia.
2. List the cities that end with the word “gan”
   * **Output**: Tougan, Pedaringan, Banjar Sambangan, Salingogan
3. List the cities that start with “A”, “D”, or “E”
   * **Output:** there is 53.
4. List the cities that have “a” as their second letter, and “r” as their third letter, in any of its words.
   * **Output:** there is 22.
5. List the cities that don’t start with the letter “C”
   * **Output**: there is 477.
6. Count how many cities start with the letter “B”
   * **Output:** there is 39.

**Deadlines & Guidelines**

* Make sure your solution is in the GitHub repository in a separate text file.
  + Make it easier to read (do this for each problem, be organized):
    - #1
    - --comments: anything that you want to explain here [important for notes and understanding]
    - grep …
* Recommend you explore additional expressions for each different problem.