1. Take the Shakespeare's collection of plays as the corpus and query the collection based on the combination of multiple keywords.

* Use Linear Search or Brute Force or Grep Command

2. Take the Shakespeare's collection of plays as the corpus and query the collection based on the combination of multiple keywords.

* Term-Document Incidence Matrix

3. Take the Shakespeare's collection of plays as the corpus and query the collection based on the combination of multiple keywords.

* Inverted Indexes
  + Using Arrays
  + Using Linked List as postings list

*PS: Implement ‘AND’ query for the above questions.*

4. Take the Shakespeare’s collection of plays as the corpus and perform

* Tokenization
* Capitalization/case-folding
* Stemming

5. Assume that you have access to the inverted index of a company XYZ. You are asked to write a search mechanism that can handle a combination of Boolean queries (AND, OR).

EX: (Caesar AND Brutus) OR (Calpurnia AND Anthony)

PS: You can use the inverted index created for Q 1-3 as the inverted index for this question.