Exercise – DAAT AND algorithm

• Document at the Time Algorithm:
  • Process all posting lists simultaneously
  • Keep a cursor to indicate the current position
  • Cursor interface:
    • position at the first posting in a posting list for a term: `cursor.init(term)`
    • next posting: `cursor.next()`
    • at or after a given docID: `cursor.goto(docID)`
• Write a pseudo-code of an algorithm for AND processing using the cursor interface: `AND(list<terms> terms, int k) {…….}`
• First provide a basic, but correct version
• Optimize – can you do sub-linear?