CASE → MENCARI NAMA DOCUMENTS DALAM SEBUAH FILE

ALGORITHM & PSUCODE

DOCUMENTS
~~BOOK~~ NAME : GHRAPICS

- Approach pertama → mencari ~~documents~~ Documents dalam
(linear search)   sebuah file satu persatu.
(metnode   )   ↳ $O(n)$

1. Open the file
2. Look the document one by one in alphabetical order from A-
3. If the name 'ghrapics' has been found in a documer
   please selected and open this.
4. Else
5. Quit

- Approach kedua → Mencari documents dengan langsung
  menuju halaman / baris tengahnya., lalu tentukan docu-
  ment ada pada bagian atas alau bawahnya.
  (Binary search)   ↳ $\log_2(n)$

1. open the file
2. Then open the middle line of a document name
3. if 'ghrapics' is on the list
4.   Attach the file
5. See If the line shows the alphabet after the letter
   G (this is to find the name of the 'ghrapics' document)
6. Else   If your document is earlier on the list
7.   look at the middle of above half of
            the line.
8.   Go back to line 2
9. Else If your document is later on list
10.   look at the middle of under half

1. Go back to line 2
12. Else
13. Quit