

**N** sentences are being read from a file.

- Find the number of occurrences of each letter of the alphabet in **all** sentences, sort them and print the result to a file *Output.dat*
- A number *m* is read from the keyboard representing a sentence number (assume  $0 < m \leq N$ ). Compare sentence *m* with each other sentence such that, for each letter of the alphabet, if the letter appears the same number of times in sentence A and B, the comparison gets +1 points, else, it gets -1 points. Output the outcome of the comparison as exemplified below.

Example of input:

<i>Sentences.dat</i>	<i>Output.dat</i> (m=5)
7 abcdefghijklmnopqrstuvwxyz defghijklmnopqrst nopq op abcefg abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz	O = 4 P = 4 N = 3 E = 3 F = 3 G = 3 Q = 3 A = 2 B = 2 C = 2 D = 2 H = 2 I = 2 J = 2 K = 2 L = 2 M = 2 R = 1 S = 1 T = 1 U = 0 V = 0 W = 0 X = 0 Y = 0 Z = 0  0 vs. 5 = 8 1 vs. 5 = 8 2 vs. 5 = -18 3 vs. 5 = -22 4 vs. 5 = -14 5 vs. 5 = 26 6 vs. 5 = 26