##### **Task 1**

The checker accepts two external inputs: a document file name and a personal dictionary file

name;

2EI(Week5 PPT Page.16-17)(M) 8（Week5 PPT Page.20）

these refer to the two external files used by the system.

2EIF(M) 14

The major output of the checker is a list of misspelt words, i.e. all words not contained in either the dictionary or personal dictionary files.

1EO(H) 7

Two other outputs are a ‘number of words processed’ message and ‘number of words used from personal dictionary’ message.

2EO(M) 10

At any point in the checking process, the user can query the number of words processed and the number of spelling errors.

1EQ(M) 5

The standard dictionary file used by the checker is considered an internal logical file

1ILF(H) 15

UFP(Total) = 58

AFP = UFP x VAF

VAF = 0.65 + (0.01 \* 28) = 0.93

AFP = 58 \* 0.93 = 53.94

**Task2**

sf = B + 0.01 × Σ scale factor values

sf = 0.91 + 0.01 × (18.97) = 1.1

pm = A(size)(sf) ×(em1) ×(em2) ×(em3)….

pm = 2.94 \* (2000 ^ 1.1)\* 1 = 12574.2pm